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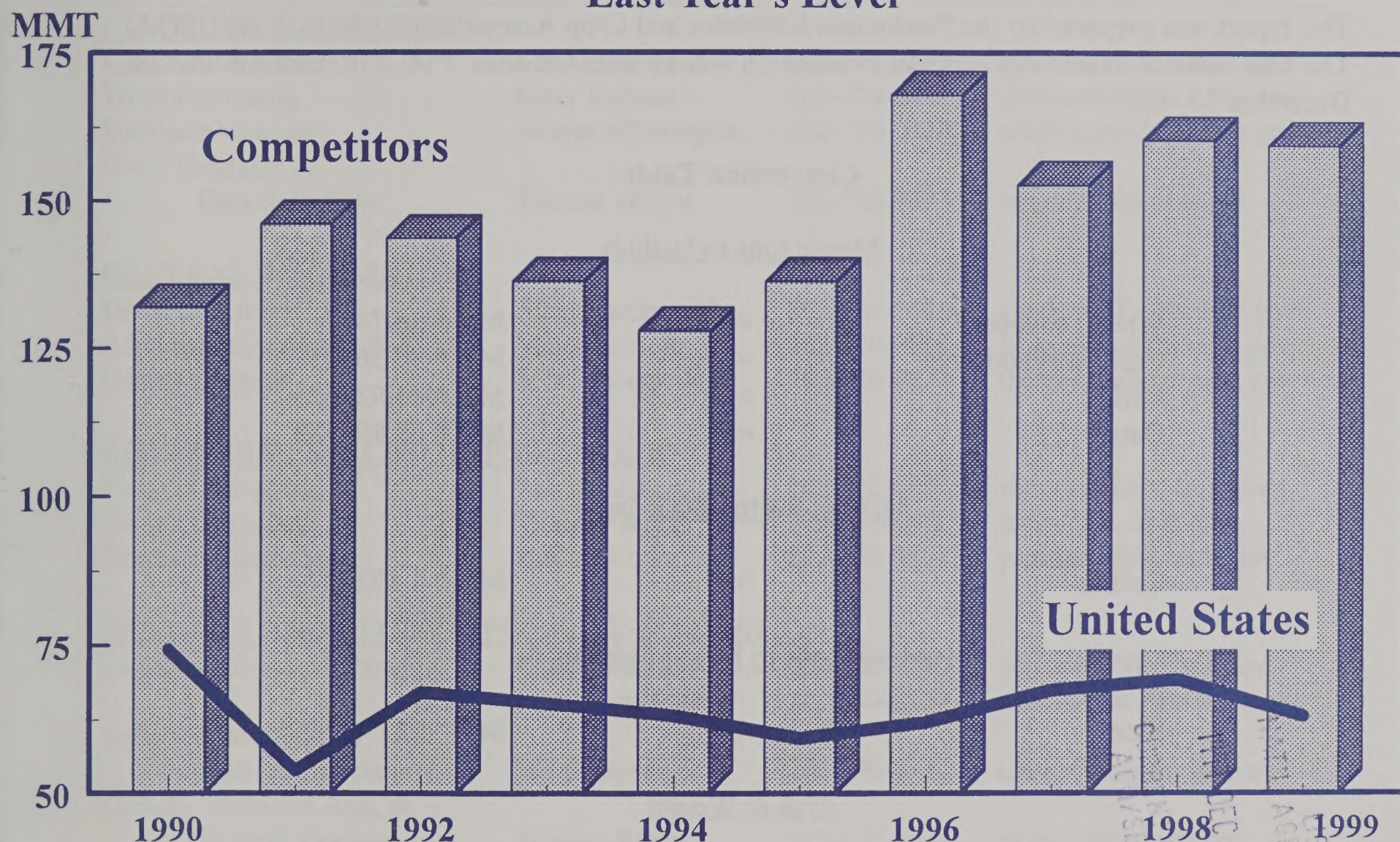
Foreign
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Circular Series
WAP 11-99
November 1999

World Agricultural Production

S

Competitor Countries Wheat Crop Approaches Last Year's Level



Wheat production in the major exporting countries (Canada, Australia, Argentina, and European Union) for the 1999/2000 season is estimated at 159.4 million, up 2.5 million tons this month, but off 0.9 million from 1998/99. Beneficial weather and an increase in area lifted wheat production this month. The United States and European Union produced less wheat this year, but the shortfall has been mostly offset by increases in Argentina, Canada, and Australia. The major competitors produced a record 167.9 million tons in 1996/97 due mainly to high wheat prices and favorable weather. As international wheat prices fell, producers adjusted plantings, higher or lower, on factors such as setaside and price relationships with other commodities. In Argentina, more favorable returns for soybeans and sunflowerseed reduced wheat area from three years ago, in Australia, wheat returns were more favorable than wool or barley resulting in area expansion. Wheat area in Canada is lower due to stronger rapeseed and barley demand, along with rotation requirements, but in the European Union, set aside policy dictated wheat area reductions; and in the United States the decline in area is caused by depressed wheat prices making producers switch to alternative crops. Despite a marginal reduction year-to-year in the major competitors production, July/June 1999/2000 exports are estimated to increase 5.9 million tons. In the United States, there is a 9 percent decline in production but exports are estimated to increase 0.5 million tons. A small expansion in global imports and reductions in exports by other countries, especially Eastern Europe and Turkey, account for the larger export prospects for the major exporters.

This report uses information from the Foreign Agricultural Services' global network of agricultural attaches and counselors; official statistics of foreign governments and other foreign source materials; and the results of economic and satellite imagery analysis. Estimates of foreign area, yield and production are from the Production Estimates and Crop Assessment Division, FAS, and are reviewed by USDA's Inter-Agency Commodity Estimates Committees. Estimates of U.S. area, yield and production are from USDA's National Agricultural Statistics Service. Numbers within the report may not add to totals because of rounding. This report reflects official USDA estimates released in the World Agricultural Supply and Demand Estimates (WASDE-356), November 10, 1999.

This report was prepared by the Production Estimates and Crop Assessment Division, FAS/USDA. The next issue of World Agricultural Production will be released after 3:00 p.m. Eastern time on December 13, 1999.

Conversion Table

Metric tons to bushels

Wheat, soybeans	=	MT * 36.7437
Corn, sorghum, rye	=	MT * 39.36825
Barley	=	MT * 45.929625
Oats	=	MT * 68.894438

Metric tons to 480-lb bales

Cotton	=	MT * 4.592917
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Metric tons to hundredweight

Rice	=	MT * 22.04622
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Area & Weight

1 hectare	=	2.471044 acres
1kilogram	=	2.204622 pounds

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For further information, contact:

U.S. Department of Agriculture
Foreign Agriculture Service
Production Estimates and Crop Assessment Division
Ag Box 1045, Room 6053, South Building
Washington, D.C. 20250-1045
Telephone: (202) 720-0888
Fax: (202) 720-8880

CIRCULAR PUBLICATION

Circular Coordinator	Scott Thompson	202-720-0873	thompsons@fas.usda.gov
Word Processing	Mary Jackson	202-720-0888	jacksonma@fas.usda.gov
Database Manager	Marnet Whittington	202-720-0886	whittington@fas.usda.gov
Cover Graphics & Data Reliability	Theresa Wright	202-720-8887	wrightt@fas.usda.gov

GENERAL INFORMATION

Division Director	Allen Vandergriff	202-720-0888	vandergriff@fas.usda.gov
Administrative Assistant	Mary Jackson	202-720-0888	jacksonma@fas.usda.gov
Deputy Director	Scott Thompson	202-720-0873	thompsons@fas.usda.gov

COMMODITY SPECIFIC INFORMATION

Cotton Chairperson	Ron Roberson	202-720-0879	roberson@fas.usda.gov
Grain Chairperson	Timothy Rocke	202-720-1572	rocke@fas.usda.gov
Oilseeds Chairperson	Paul Provance	202-720-0881	provance@fas.usda.gov

COUNTRY AND REGION SPECIFIC INFORMATION

Argentina, Brazil, & Paraguay	Rao Achutuni/ Maria Anulacion	202-690-0140 202-690-0139	achutuni@fas.usda.gov anulacionm@fas.usda.gov
Australia, Bangladesh, India, & Pakistan	Jim Crutchfield	202-690-0135	crutchfield@fas.usda.gov
Canada, Southeast Asia, & Western Europe	Suzanne Miller	202-720-0882	millers@fas.usda.gov
China, Koreas, Japan, & southern Africa	Paulette Sandene	202-690-0133	sandene@fas.usda.gov
Eastern Europe & North Africa	Bryan Purcell	202-690-0138	purcellb@fas.usda.gov
Former Soviet Union	Mark Lindeman	202-690-0143	lindeman@fas.usda.gov
Mexico & Central America	Ron White	202-690-0137	whiter@fas.usda.gov
Middle East & Central Africa	Curt Reynolds	202-690-0134	reynoldsc@fas.usda.gov
United States & Int'l Weather	Carl Gernazio	202-690-0136	gernazio@fas.usda.gov
United States & Special Projects	Bob Tetrault	202-690-0130	tetrault@fas.usda.gov

WEB SITES OF INTEREST

Foreign Agricultural Service at <http://www.fas.usda.gov>
FAS Weekly Weather Maps at <http://www.fas.usda.gov/pecad/weather/weekly.html>
National Agricultural Statistics Service at <http://www.usda.nass.gov>
World Agricultural Outlook Board at <http://www.usda.gov/oce/waob>
Economic Research Service at <http://www.econ.ag.gov>
Joint Agricultural Weather Facility at <http://www.usda.gov/oce/waob/jawf>

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PRODUCTION BRIEFS

CHINA: RICE CROP PROJECTED AT RECORD LEVEL

China's 1999/2000 rice crop is estimated at a record 141.0 million tons, up 2.0 million or 1 percent from last year's revised crop of 139.1 million. Total rice area is estimated up slightly from last year at 31.3 million hectares, with increased single and late rice area offsetting a slight drop in early rice area. The weather was generally favorable for this season's early rice crop, and production was reportedly higher than last year due to higher yield. Excessive rainfall and local flooding in the lower Yangtze River Valley during the summer delayed the transplanting and development of single and late rice, but any crop losses were minor compared to 1998/99, when China experienced the worst flooding in decades. Warm and mostly dry weather in October favored the maturing late-rice crop, and yield is expected to be at or above record level.

ARGENTINA: WHEAT AREA AND PRODUCTION ESTIMATED HIGHER

Argentina's 1999/2000 wheat production is estimated at 14.0 million tons, up 1.3 million from last month and 22 percent above last season. Harvested area is estimated at 5.8 million hectares, up 6 percent from last month and 13 percent above last season. Area is revised higher based on a higher planted area estimate recently reported by the Argentine Agricultural Secretariat. The wheat crop is in generally good condition aided by recent rains which fell throughout the wheat-growing region, improving moisture levels and prospects for the developing wheat. In Buenos Aires and La Pampa provinces, crop stage varies from jointing to flowering. Farther north, the crop is in more advanced flowering to grain-filling stages. Harvest of

early-planted wheat is underway in the northernmost provinces.

KAZAKSTAN: HARVEST REBOUNDS FROM LAST YEAR

Kazakstan's wheat production during 1999/2000 is estimated at 11.0 million tons, up 3.5 million from last month and up 6.3 million from last year. Preliminary harvest-progress reports indicate that yield jumped over 100 percent from last year. The crop benefitted from nearly ideal weather, both throughout the growing season and during the harvest campaign, and from support to farms from grain-trading companies, largely in the form of credit, seed, and fuel. In addition, locust damage was less severe than earlier official reports had suggested. Also, barley production increased this month to 2.5 million tons, up 1.5 million from last month and up 127 percent from last season. Both area and yield are higher.

CHINA: GOVERNMENT RELEASES 1998 CROP PRODUCTION STATISTICS

After a delay of several months, the Chinese Government has finally released 1998/99 production statistics for most crops. Production of total grain (rice, wheat, corn, other cereals, beans, and tubers) reached a record 512.3 million tons, up 18.1 million from 1997/98. A large decline in wheat production was more than offset by record corn production, which exceeded the previous crop by 28.7 million tons. The 1998/99 rice crop was the second-largest on record despite serious flooding in central and southern China. Oilseed production reached a record 23.1 million tons, boosted by record peanut output. Cotton production declined slightly in 1998/99 due to lower area and yield.

China Crop Production 1997/98 and 1998/99
(1000 MT)

Crop	1997/98	1998/99	Change
Total Grain	494.2	512.3	18.1
Rice	200.7	198.7	-2.0
Wheat	123.3	109.7	-13.6
Corn	104.3	133.0	28.7
Tubers	31.9	36.0	4.1
Beans (incl. soy)	18.8	20.0	1.2
Oilseeds	21.6	23.1	1.5
Peanuts	9.7	11.9	2.2
Rapeseed	9.6	8.3	-1.3
Cotton	4.6	4.5	-0.1

Source: China 1999 Statistical Yearbook, National Statistical Bureau

RUSSIA: HARVEST NEARLY
COMPLETE - WHEAT AND BARLEY
HIGHER

Russia's 1999/2000 wheat production is estimated at 32.0 million tons, up 1.0 million from last month and 5.1 million from last year. Barley production is estimated at 12.5 million tons, up 1.0 million from last month and 2.7 million from last year. Harvest was virtually complete by late October, except for corn and minor late-seeded grains and reported yield is up approximately 12 percent from last year.

UKRAINE: FARMS CHOP CORN FOR
SILAGE, GRAIN HARVEST PLUMMETS

Corn production in Ukraine for 1999/2000 is

estimated at 0.8 million tons, down 1.2 million from last month and down 1.5 million from last year. According to official reports, less than 0.4 million of the 1.4 million hectares initially planted to corn-for-grain this year will be harvested. As a result of severe drought, a large portion of the crop was chopped for silage rather than harvested for grain.

CANADA: BUMPER WHEAT, BARLEY,
AND RAPESEED CROPS DESPITE LATE
PLANTING AND HARVEST

Canada's 1999/2000 wheat production is estimated at 26.0 million tons, up 1.0 million from last month and up 7 percent from last year. Yield is forecast at a record 2.52 tons

per hectare, surpassing the previous record in 1996/97 of 2.43 tons. Area is estimated to remain at 10.3 million hectares, the same as last month, but down 5 percent from last year. Canada's barley production is estimated at 13.0 million tons, up 0.3 million tons from both last month and last year. Area is unchanged from last month at 4.1 million hectares, down 4 percent from last year. Canada's rapeseed production is estimated at a record 8.6 million tons, up 0.3 million from last month and up 13 percent from last year. Crop yield is forecast at a record 1.54 tons per hectare, up 4 percent from last month. Area is forecast to remain at 5.6 million hectares, the same as last month and up 3 percent from last year.

Favorable summer weather aided crop development and offset the delay caused by late planting. Area projections declined in June because excessive moisture caused substantial planting delays: southeast Saskatchewan and southwest Manitoba were the areas that had the most delays. Weather was cool and wet throughout the early summer, then changed to nearly ideal warmth and dryness in August. Crops in many areas of the prairies were two to four weeks behind normal development, causing concern that an early freeze would damage overall production. However, harvesting continued very late this season due to the late planting, and producers in the prairies benefitted from the fact that hard freezes held off until the average first date in mid September or thereafter. Freezing temperatures in areas in Saskatchewan and Manitoba that suffered the greatest planting delays did not occur until nearly October.

AUSTRALIA: WHEAT PRODUCTION INCREASES ON FAVORABLE WEATHER

Australia's 1999/2000 wheat output is estimated at 23.0 million tons, up 0.5 million from last month and up 2.0 million or 10

percent from last year. There is no change in area this month; however, area is up 4 percent from last year. This year's wheat area of 12.0 million hectares is the largest area since 1984/85 when 12.1 million hectares were planted. The weather over much of the grain growing regions has produced adequate winter rainfall amounts, with the exception of South Australia where dry areas continue to be a problem. State yields are expected to be near the four year average, except for above average yields in New South Wales. Yields in South Australia are not projected to reach record levels this season as a result of delayed planting last autumn and drier conditions. New South Wales began harvesting last week along the northern wheat belt. Harvest in Victoria and South Australia will begin at the end of November. The western Australia, Geraldton zone harvest began the last week of October and will continue south into December.

INDONESIA: CORN PRODUCTION INCREASES DUE TO AREA AND YIELD

Estimated corn production in Indonesia for 1999/2000 rose 0.4 million tons this month to 6.2 million tons, but is still down 5 percent from last year. Crop travel by the U.S. agricultural counselor in Jakarta found that producers planted more area to corn than was originally estimated in response to resurgent demand from the poultry feed sector. There is also some replacement of corn for soybeans in East Java. Yield is up slightly in part due to the increased use of hybrid corn. Weather has been favorable in the major corn growing sectors of Java and Sumatra.

ROMANIA: CORN PRODUCTION RISES

The 1999/2000 Romanian corn harvest of 3.0 million hectares is now expected to reach 10.0 million tons, up 1.0 million from last month, and 1.5 million from last year. As of the end

of October, the crop was nearly 80 percent harvested. This year's corn harvest will be the third largest in the last 10 years, coming in below the 1997 crop of 12.7 million tons. Favorable weather throughout most of the growing season and a warm, dry September boosted yield to 3.33 tons per hectare, up from 2.83 tons last season.

ARGENTINA: SOYBEAN AREA AND PRODUCTION REVISED HIGHER

Argentina's 1999/2000 soybean production is estimated at 18.5 million tons, up 0.5 million from last month but 7 percent below last season. Harvested area is estimated at 7.7 million hectares, up 3 percent from last month and last season. Area is revised higher based on the recent improvement in price outlook for soybeans. Weather conditions for sowing have also improved as recent rains boosted soil moisture. The Argentine Agricultural Secretariat reports planting intentions at 2.4 percent above last season's planted area. Expansion is expected to come from a larger area of second-crop soybeans to be sown after wheat, as area currently planted to wheat is estimated 13 percent higher than last season. In addition, some area previously sown to sunflower and peanuts is expected to be shifted to soybeans this season. Production figures for the 1997/98 and 1998/99 seasons were also up this month, 2 and 5 percent respectively, with the production increases based on current crush data.

BRAZIL: RECENT RAINS BENEFIT SOYBEAN PLANTINGS

Brazil's 1999/2000 soybean production is estimated at 31.0 million tons, up 2 percent from last month, but down about 5 percent from the 1997/98 record crop of 32.5 million tons. Harvested area is forecast upward by about 3 percent from last month to 12.9 million hectares, the same as a year ago.

Recent rains have benefitted planting operations in many of the key soybean states. Soybean planting generally takes place over the period October through December. The crop was 16 percent planted by November 5, compared to 5 percent as of October 29 and 18 percent a year ago. Plantings are back on track in the key states of Parana (22%), Mato Grosso (25%), Mato Grosso do Sul (10%), Rio Grande do Sul (10%). Plantings are somewhat behind schedule in the states of Goias (14% vs. 22% in 1998) and Sao Paulo (4% vs. 8% in 1998), but no adverse impact is anticipated given the broad planting window.

A reduction in input use will limit yield in most states. Limestone consumption is reportedly down 8 to 10 percent below last year, while the use of chemicals may be down 15 percent. Devaluation of the real has raised the cost of imported inputs, and high debt levels is making financing difficult for many producers.

PAKISTAN: COTTON ESTIMATED HIGHER

Pakistan's cotton production for 1999/2000 is estimated at 7.8 million bales, up 0.3 million from last month and up 1.5 million from last year's weather and insect reduced crop. The increase is based largely on good growing weather and the absence of major pest problems. Through October, cotton arrivals at gins were reported to be over 270,000 MT--or about double last year's pace. The faster pace is due to the early maturation of the crop, coupled with farmers' willingness to sell as soon as the crop is harvested, rather than risk further price declines. Farmers expect a marginal third picking (due to decreased nitrogen usage) and now predict the harvest will be completed by mid-December. Weather through the end of October generally has been favorable.

INDIA: COTTON PRODUCTION TO RISE AS WEATHER CONDITIONS IMPROVE

Cotton production for 1999/2000 is forecast at 12.7 million bales (including 600,000 bales loose cotton) on prospects of better yields in the northern states (Punjab/Haryana and Rajasthan) and Gujarat due to favorable weather since September. The irrigated cotton areas of the northern states had sufficient canal water access and excellent growing conditions. In the northern zone the season's cloudless skies and scant rainfall resulted in negligible insect problems. Bollworm attacks were also down this season, in contrast to the heavy losses suffered in the past two seasons. Despite an area decline of more than 15 percent in the region, production is estimated to increase by more than 20 percent this year. The central states of Gujarat, Maharashtra and Madhya Pradesh received good rains during September through early October which benefitted the water-stressed cotton crop, particularly in Gujarat which was reeling under drought conditions due to low rains in July/

August. The late rains and improved soil moisture will provide additional pickings and increase yields. In the central and southern zones, the crop is doing well and there are no reports of any significant pest damage.

UZBEKISTAN: HARVEST REPORTS INDICATE STRONG REBOUND

Cotton production is estimated at 5.2 million bales, up 0.4 million from last month and up 0.6 million from last year's weather-reduced crop. According to official reports, seed-cotton deliveries had reached 3.5 million tons as of late October, up roughly 20 percent from the same time last year and matching the 1997/98 pace when 5.2 million bales were produced. Typically, harvest is more than 90 percent complete by late October. However, this season's harvest appears to have progressed at a more rapid pace because of the ideal weather during the harvest season suggesting that less cotton remains to be harvested than in previous years.

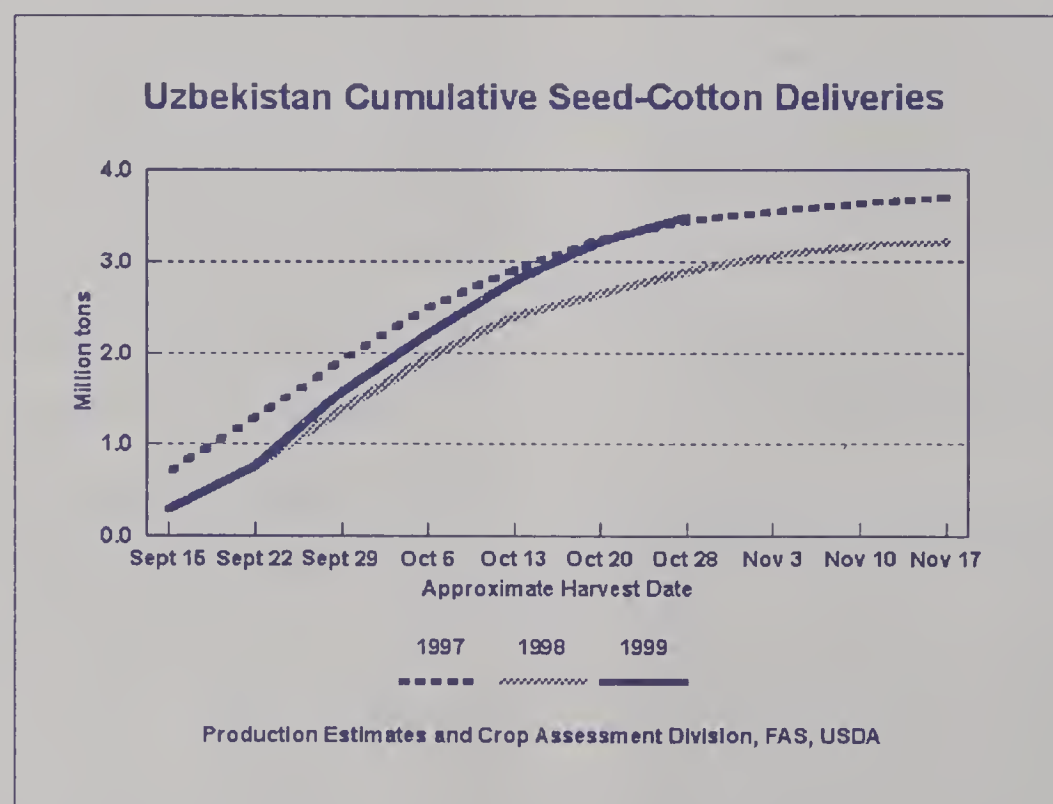


TABLE 1
U.S. Crop Acreage, Yield, and Production

COMMODITY	Planted Area			Harvested Area			Yield			Production		
	1997/98	1998/99	Proj. 1999/00	1997/98	1998/99	Proj. 1999/00	1997/98	1998/99	Oct. 1999/00 Proj. Nov.	1997/98	1998/99	Oct. 1999/00 Proj. Nov.
	--Million acres--			--Million acres--			--Bushels per acre--			--Million bushels--		
All Wheat	70.4	65.8	63.0	62.8	59.0	54.1	39.5	43.2	42.7	2,481	2,547	2,318
Winter	48.0	46.4	43.4	41.3	40.1	35.5	44.6	46.9	47.8	1,846	1,881	1,698
Other	22.4	19.4	19.6	21.5	18.9	18.6	29.5	35.2	33.0	635	666	610
Soybeans	70.0	72.0	74.1	69.1	70.4	72.8	38.9	38.9	37.0	2,689	2,741	2,673
Corn	79.5	80.2	77.6	72.7	72.6	70.9	126.7	134.4	133.5	9,207	9,761	9,467
Sorghum	10.1	9.6	9.3	9.2	7.7	8.5	69.2	67.3	68.3	634	520	580
Barley	6.7	6.3	5.2	6.2	5.9	4.8	58.1	60.0	59.5	360	352	284
Oats	5.1	4.9	4.7	2.8	2.8	2.5	59.5	60.2	60.0	167	166	148
							--Pounds per acre--			--Million CWT--		
Rice	3.1	3.4	3.6	3.1	3.3	3.6	5,897	5,669	5,945	183.0	188.1	212.3
										--Million 480-pound bales--		
All Cotton	13.9	13.4	14.6	13.4	10.7	13.4	673	625	588	18.8	13.9	16.4

November 1999

Production Estimates and Crop Assessment Division, FAS, USDA

TABLE 2
World Crop Production Summary

Commodity	World	Total Foreign	North America		Europe		Asia				South America		Selected Other		All Others					
			United States		Europe Union	Oth. W. Europe	China	India	Indonesia	Pakistan	Thailand	Argentina	Brazil	Australia		South Africa	Turkey			
---Million metric tons---																				
<u>Wheat</u> 1997/98 1998/99 prel. 1999/00 proj. Oct. Nov.	609.3	541.8	67.5	24.3	3.6	94.2	0.9	34.3	80.3	123.3	69.4	0.0	16.7	0.0	14.8	2.4	19.4	2.5	16.0	39.8
	587.8	518.5	69.3	24.4	3.3	103.4	1.0	33.7	56.0	109.7	65.9	0.0	18.7	0.0	11.5	2.2	21.0	1.7	18.5	47.4
	577.7	514.7	63.1	25.0	3.1	96.7	0.9	28.7	61.4	115.0	71.5	0.0	18.2	0.0	12.7	2.0	22.5	1.4	16.5	39.0
	584.7	521.9	62.8	26.0	3.1	96.4	0.9	28.7	65.9	115.0	71.5	0.0	18.2	0.0	14.0	2.2	23.0	1.6	16.5	38.7
<u>Coarse Grains</u> 1997/98 1998/99 prel. 1999/00 proj. Oct. Nov.	882.9	622.5	260.4	25.1	23.1	109.4	1.7	59.0	67.9	114.7	31.0	5.7	1.9	3.9	24.7	31.3	9.5	8.0	10.0	95.7
	889.7	618.1	271.5	26.5	24.5	105.1	1.7	51.1	37.8	145.1	31.1	6.5	1.8	4.5	17.7	33.2	9.0	7.5	10.6	104.4
	870.0	606.2	263.8	25.6	25.9	101.8	1.6	49.8	39.8	139.1	28.5	5.8	1.8	4.5	19.9	34.9	7.7	9.0	10.0	100.5
	876.5	610.5	265.9	26.0	26.2	101.8	1.6	51.1	41.6	139.1	28.5	6.2	1.8	4.5	19.9	34.9	7.7	9.0	10.0	100.7
<u>Rice (Milled)</u> 1997/98 1998/99 prel. 1999/00 proj. Oct. Nov.	386.7	380.9	5.8	0.0	0.3	1.8	0.0	0.0	0.8	140.5	82.3	31.1	4.3	15.5	0.7	5.8	1.0	0.0	0.2	96.6
	391.7	385.6	6.1	0.0	0.3	1.7	0.0	0.0	0.8	139.1	84.7	32.1	4.7	15.0	1.1	7.8	1.0	0.0	0.2	97.0
	393.5	386.6	6.9	0.0	0.3	1.8	0.0	0.0	0.7	138.0	85.5	32.1	4.8	15.4	0.9	6.9	1.0	0.0	0.2	99.1
	396.8	389.9	6.9	0.0	0.3	1.7	0.0	0.0	0.7	141.0	85.5	32.1	4.8	15.4	0.8	6.8	1.0	0.0	0.2	99.6
<u>Total Grains 1/</u> 1997/98 1998/99 prel. 1999/00 proj. Oct. Nov.	1,878.9	1,545.2	333.7	49.4	27.1	205.4	2.6	93.4	149.0	378.4	182.6	36.8	22.8	19.4	40.1	39.5	29.9	10.5	26.3	232.1
	1,869.2	1,522.2	347.0	50.9	28.1	210.2	2.7	84.9	94.7	393.9	181.7	38.6	25.2	19.5	30.3	43.2	31.0	9.2	29.3	248.8
	1,841.2	1,507.4	333.8	50.6	29.3	200.3	2.6	78.5	101.9	392.1	185.5	37.9	24.8	19.9	33.4	43.8	31.1	10.4	26.7	238.5
	1,858.0	1,522.3	335.7	52.0	29.6	200.0	2.6	79.9	108.2	395.1	185.5	38.3	24.8	19.9	34.7	43.9	31.6	10.6	26.7	239.0
<u>Oilseeds 2/</u> 1997/98 1998/99 prel. 1999/00 proj. Oct. Nov.	287.0	203.9	83.1	9.2	0.7	15.0	0.1	4.2	9.0	43.4	24.3	2.3	3.7	0.5	26.2	33.4	2.0	0.9	2.0	27.1
	293.6	209.3	84.4	10.4	0.6	15.2	0.1	5.3	9.0	44.2	25.9	2.3	3.3	0.5	27.4	32.0	3.0	1.5	2.1	26.5
	295.5	211.8	83.7	11.1	0.5	16.5	0.1	6.4	10.4	44.9	24.0	2.3	3.8	0.5	25.2	31.5	3.4	1.0	2.1	28.1
	297.1	214.0	83.2	11.4	0.4	16.7	0.1	6.5	10.7	44.9	24.2	2.3	4.0	0.5	25.6	32.0	3.4	1.0	2.1	28.1
---Million 480-pound bales---																				
<u>Cotton</u> 1997/98 1998/99 prel. 1999/00 proj. Oct. Nov.	91.6	72.8	18.8	0.0	1.0	2.2	0.0	0.0	7.1	21.1	12.3	0.0	7.2	0.0	1.4	1.7	3.1	0.2	3.7	11.8
	84.5	70.6	13.9	0.0	1.0	2.2	0.0	0.0	6.6	20.7	12.8	0.0	6.3	0.0	0.9	2.1	3.2	0.2	3.9	10.6
	86.0	69.6	16.4	0.0	0.6	2.3	0.0	0.0	6.9	19.0	12.3	0.0	7.5	0.0	0.9	2.1	3.1	0.2	3.9	10.7
	87.3	70.8	16.5	0.0	0.6	2.3	0.0	0.0	7.5	19.0	12.7	0.0	7.8	0.0	0.9	2.1	3.1	0.2	3.9	10.6

1/ Includes wheat, coarse grains, and rice (milled) shown above.

2/ Includes soybean, cottonseed, peanut (inshell), sunflowerseed, rapeseed for individual countries. Copra and palm kernel are added to world totals.

Note: Entries of 0.0 indicate no reported or insignificant production.

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Production Estimates and Crop Assessment Division, FAS, USDA

TABLE 3
Wheat Area, Yield, and Production
World and Selected Countries and Regions

Country/Region	Area				Yield				Production				Change in Production			
	Prel.		1999/00 Proj.		Prel.		1999/00 Proj.		Prel.		1999/00 Proj.		From last month		From last year	
	1997/98	1998/99	Oct.	Nov.	1997/98	1998/99	Oct.	Nov.	1997/98	1998/99	Oct.	Nov.				
	Million hectares				Metric tons per hectare				Million metric tons				MMT	Percent	MMT	Percent
World	227.89	224.69	217.71	216.57	2.67	2.62	2.65	2.70	609.33	587.81	577.73	584.68	6.95	1.20	-3.13	-0.53
United States	25.43	23.88	21.98	21.88	2.66	2.90	2.87	2.87	67.53	69.33	63.07	62.81	-0.26	-0.42	-6.52	-9.40
Total Foreign	202.46	200.81	195.73	194.69	2.68	2.58	2.63	2.68	541.80	518.48	514.66	521.87	7.21	1.40	3.39	0.65
Major Exporters	44.55	44.59	44.68	44.98	3.43	3.60	3.51	3.54	152.68	160.34	156.93	159.44	2.51	1.60	-0.91	-0.57
European Union	17.13	17.11	16.88	16.88	5.50	6.05	5.73	5.71	94.18	103.44	96.73	96.44	-0.29	-0.30	-7.01	-6.77
France	5.11	5.25	5.22	5.22	6.61	7.66	7.09	7.09	33.76	40.20	37.00	37.00	0.00	0.00	-3.20	-7.96
United Kingdom	2.04	2.05	1.85	1.85	7.38	7.56	8.38	8.27	15.02	15.47	15.50	15.30	-0.20	-1.29	-0.17	-1.07
Germany	2.72	2.80	2.70	2.70	7.29	7.20	7.26	7.26	19.83	20.18	19.60	19.60	0.00	0.00	-0.58	-2.86
Canada	11.41	10.77	10.30	10.30	2.13	2.27	2.43	2.52	24.28	24.40	25.00	26.00	1.00	4.00	1.60	6.56
Australia	10.31	11.58	12.00	12.00	1.88	1.81	1.88	1.92	19.42	21.00	22.50	23.00	0.50	2.22	2.00	9.52
Argentina	5.70	5.13	5.50	5.80	2.60	2.24	2.31	2.41	14.80	11.50	12.70	14.00	1.30	10.24	2.50	21.74
Major Importers	93.80	90.21	86.62	85.37	2.67	2.37	2.50	2.60	250.08	213.67	216.91	221.66	4.75	2.19	7.99	3.74
China	30.06	29.77	29.00	29.00	4.10	3.69	3.97	3.97	123.30	109.73	115.00	115.00	0.00	0.00	5.27	4.80
FSU-12	48.26	44.65	43.82	42.62	1.66	1.26	1.40	1.55	80.34	56.04	61.43	65.93	4.50	7.33	9.89	17.65
Russia	26.10	26.00	25.00	24.00	1.69	1.03	1.24	1.33	44.20	26.90	31.00	32.00	1.00	3.23	5.10	18.96
Ukraine	6.51	5.64	5.90	5.90	2.83	2.65	2.37	2.37	18.40	14.94	14.00	14.00	0.00	0.00	-0.94	-6.27
Kazakhstan	11.50	9.10	9.20	9.00	0.78	0.52	0.82	1.22	8.95	4.70	7.50	11.00	3.50	46.67	6.30	134.04
Baltic States	0.57	0.58	0.58	0.58	2.69	2.61	2.61	2.61	1.55	1.50	1.50	1.50	0.00	0.00	0.00	0.00
Eastern Europe	9.86	9.69	8.25	8.24	3.48	3.48	3.48	3.49	34.35	33.74	28.68	28.73	0.05	0.17	-5.01	-14.84
Poland	2.56	2.63	2.58	2.58	3.21	3.62	3.53	3.53	8.19	9.54	9.10	9.10	0.00	0.00	-0.44	-4.58
Romania	2.35	2.00	1.65	1.65	3.06	2.60	2.79	2.79	7.19	5.20	4.60	4.60	0.00	0.00	-0.60	-11.54
Egypt	1.04	1.02	1.03	1.03	5.60	5.99	6.02	6.02	5.85	6.09	6.20	6.20	0.00	0.00	0.11	1.76
Morocco	2.49	3.09	2.70	2.70	0.93	1.42	0.78	0.78	2.32	4.38	2.10	2.10	0.00	0.00	-2.28	-52.03
Brazil	1.51	1.43	1.25	1.20	1.58	1.54	1.60	1.83	2.38	2.20	2.00	2.20	0.20	10.00	0.00	0.00
Other Foreign	64.11	66.01	64.43	64.35	2.17	2.19	2.19	2.19	139.04	144.47	140.83	140.78	-0.05	-0.04	-3.69	-2.56
India	25.89	26.69	26.80	26.80	2.68	2.47	2.67	2.67	69.35	65.91	71.50	71.50	0.00	0.00	5.59	8.49
Turkey	8.50	8.55	8.65	8.65	1.88	2.16	1.91	1.91	16.00	18.50	16.50	16.50	0.00	0.00	-2.00	-10.81
Pakistan	8.11	8.36	8.33	8.33	2.05	2.24	2.18	2.18	16.65	18.70	18.20	18.20	0.00	0.00	-0.50	-2.67
Mexico	0.80	0.77	0.75	0.75	4.54	4.22	4.13	4.13	3.64	3.25	3.10	3.10	0.00	0.00	-0.15	-4.62
Saudi Arabia	0.34	0.34	0.34	0.34	5.36	5.37	5.37	5.37	1.80	1.80	1.80	1.80	0.00	0.00	0.00	0.00
South Africa	1.38	0.75	0.70	0.72	1.77	2.27	2.00	2.22	2.45	1.70	1.40	1.60	0.20	14.29	-0.10	-5.88
Others	19.09	20.56	18.86	18.76	1.53	1.68	1.50	1.50	29.15	34.61	28.33	28.08	-0.25	-0.88	-6.53	-18.88

TABLE 4
Total Coarse Grain Area, Yield, and Production
World and Selected Countries and Regions

Country/Region	Area			Yield			Production			Change in Production			
	Prel.		1999/00 Proj.		Prel.		1998/99		1999/00 Proj.		From last month		From last year
	1997/98	1998/99	Oct.	Nov.	1997/98	1998/99	Oct.	Nov.	1997/98	1998/99	Oct.	Nov.	
	Million hectares				Metric tons per hectare				Million metric tons				
World	310.99	308.49	303.27	303.90	2.84	2.88	2.87	2.88	882.91	889.67	870.02	876.46	
United States	36.89	36.16	35.23	35.22	7.06	7.51	7.49	7.55	260.43	271.53	263.83	265.94	-1.49
Total Foreign	274.10	272.33	268.04	268.68	2.27	2.27	2.26	2.27	622.49	618.14	606.19	610.52	-2.06
Major Exporters	49.34	49.29	49.48	49.50	3.69	4.18	4.07	4.07	182.00	205.83	201.28	201.61	-1.23
Canada	7.59	7.38	7.01	7.03	3.31	3.59	3.66	3.70	25.12	26.50	25.63	26.00	-2.05
Argentina	4.67	3.88	4.46	4.46	5.28	4.57	4.47	4.47	24.67	17.74	19.90	19.90	-1.87
Australia	5.09	4.71	4.06	4.06	1.87	1.90	1.89	1.89	9.52	8.97	7.66	7.66	12.18
South Africa	3.94	3.83	4.16	4.17	2.04	1.96	2.17	2.15	8.04	7.52	9.00	8.96	-14.69
China	28.05	29.49	29.80	29.80	4.09	4.92	4.67	4.67	114.65	145.10	139.10	139.10	19.14
Major Importers	86.71	81.36	77.78	78.38	3.04	2.74	2.85	2.87	263.84	222.99	221.66	225.07	-4.14
FSU-12	38.88	33.50	31.27	31.37	1.75	1.13	1.27	1.32	67.86	37.84	39.77	41.57	2.07
Russia	25.19	22.10	20.60	20.60	1.62	0.86	1.06	1.11	40.85	18.95	21.90	22.90	9.85
Ukraine	6.50	5.92	5.85	5.25	2.38	1.76	1.78	1.85	15.46	10.45	10.40	9.70	20.84
Kazakhstan	3.67	2.14	1.45	2.15	0.79	0.63	0.88	1.29	2.91	1.34	1.27	2.77	-7.18
Baltic States	1.23	1.23	1.23	1.23	2.25	2.24	2.24	2.24	2.77	2.76	2.76	2.76	106.72
European Union	20.50	19.99	18.92	18.92	5.34	5.26	5.38	5.38	109.43	105.06	101.83	101.79	0.00
Germany	4.30	4.24	4.12	4.12	5.97	5.76	5.92	5.92	25.66	24.44	24.40	24.40	-3.12
France	3.99	3.86	3.71	3.71	7.32	7.23	7.19	7.19	29.21	27.92	26.66	26.66	-0.16
Eastern Europe	16.40	16.12	15.55	15.70	3.60	3.17	3.20	3.26	58.97	51.12	49.78	51.13	-4.54
Poland	6.34	6.21	6.04	6.04	2.71	2.84	2.73	2.73	17.21	17.61	16.48	16.48	0.02
Romania	3.88	3.80	3.68	3.83	3.86	2.67	2.84	3.08	14.95	10.14	10.43	11.78	-6.43
Czech Rep.	0.84	0.77	0.69	0.69	3.79	3.55	3.99	3.99	3.19	2.72	2.75	2.75	16.17
Mexico	9.34	10.18	10.45	10.80	2.48	2.41	2.48	2.42	23.11	24.54	25.88	26.18	0.95
Other W. Europe	0.37	0.35	0.35	0.35	4.58	4.78	4.65	4.65	1.70	1.67	1.65	1.65	6.68
Other Foreign	138.05	141.67	140.78	140.80	1.28	1.34	1.30	1.31	176.65	189.32	183.26	183.85	-1.61
Thailand	1.24	1.45	1.41	1.41	3.15	3.10	3.19	3.19	3.90	4.50	4.50	4.50	-2.89
India	31.02	29.86	30.00	30.00	1.00	1.04	0.95	0.95	30.95	31.08	28.50	28.50	0.00
Brazil	12.06	12.93	13.06	13.06	2.59	2.57	2.67	2.67	31.27	33.22	34.91	34.91	-8.31
Turkey	4.71	4.68	4.68	4.68	2.13	2.26	2.14	2.14	10.05	10.58	10.02	10.02	5.09
Indonesia	2.90	3.20	2.90	3.00	1.97	2.03	2.00	2.07	5.70	6.50	5.80	6.20	-5.31
Philippines	2.37	2.77	2.70	2.70	1.49	1.77	1.61	1.61	3.53	4.89	4.35	4.35	-4.62
Others	83.76	86.78	86.04	85.95	1.09	1.14	1.11	1.11	91.25	98.55	95.18	95.37	-11.12
													-3.22

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Production Estimates and Crop Assessment Division, FAS, USDA

TABLE 5
Corn Area, Yield, and Production
World and Selected Countries and Regions

Country/Region	Area				Yield				Production				Change in Production			
	Prel.		1999/00 Proj.		Prel.		1999/00 Proj.		Prel.		1999/00 Proj.		From last month		From last year	
	1997/98	1998/99	Oct.	Nov.	1997/98	1998/99	Oct.	Nov.	1997/98	1998/99	Oct.	Nov.	MMT	Percent	MMT	Percent
	Million hectares				Metric tons per hectare				Million metric tons							
World	135.62	138.96	140.47	140.11	4.24	4.35	4.26	4.29	574.94	604.63	598.78	600.68	1.89	0.32	-3.95	-0.65
United States	29.41	29.38	28.70	28.70	7.95	8.44	8.38	8.44	233.86	247.94	240.47	242.25	1.78	0.74	-5.69	-2.29
Total Foreign	106.21	109.58	111.76	111.41	3.21	3.26	3.21	3.22	341.07	356.68	358.31	358.42	0.11	0.03	1.74	0.49
Major Exporters																
Argentina	29.91	30.69	32.10	32.10	4.39	5.00	4.74	4.74	131.20	153.55	152.00	152.00	0.00	0.00	-1.55	-1.01
South Africa	3.18	2.55	3.10	3.10	6.10	5.29	5.00	5.00	19.36	13.50	15.50	15.50	0.00	0.00	2.00	14.81
China	2.96	2.90	3.20	3.20	2.55	2.45	2.66	2.66	7.54	7.10	8.50	8.50	0.00	0.00	1.40	19.72
	23.78	25.24	25.80	25.80	4.39	5.27	4.96	4.96	104.30	132.95	128.00	128.00	0.00	0.00	-4.95	-3.73
Major Importers																
Eastern Europe	21.48	21.46	21.60	21.20	4.60	3.88	4.01	4.07	98.88	83.19	86.57	86.38	-0.19	-0.23	3.18	3.83
Romania	6.91	6.91	6.83	6.83	4.68	3.68	3.80	3.95	32.34	25.41	25.93	26.93	1.00	3.86	1.51	5.95
Yugoslavia	3.03	3.00	3.00	3.00	4.18	2.83	3.00	3.33	12.68	8.50	9.00	10.00	1.00	11.11	1.50	17.65
European Union	2.12	2.12	1.90	1.90	4.59	3.88	3.68	3.68	9.70	8.20	7.00	7.00	0.00	0.00	-1.20	-14.63
France	4.27	4.09	4.07	4.07	9.03	8.44	8.82	8.82	38.52	34.54	35.91	35.92	0.01	0.01	1.38	3.99
Italy	1.84	1.76	1.73	1.73	9.10	8.35	8.50	8.50	16.75	14.70	14.70	14.70	0.00	0.00	0.00	0.00
Mexico	1.04	0.97	1.00	1.00	9.63	8.88	10.00	10.00	10.01	8.60	10.00	10.00	0.00	0.00	1.40	16.28
FSU-12	7.21	7.90	8.20	8.40	2.35	2.23	2.32	2.26	16.93	17.60	19.00	19.00	0.00	0.00	1.40	7.95
Russia	3.02	2.49	2.45	1.85	3.53	2.12	2.21	2.28	10.66	5.29	5.41	4.21	-1.20	-22.20	-1.08	-20.44
Ukraine	0.85	0.80	0.60	0.60	3.18	1.00	1.67	1.67	2.70	0.80	1.00	1.00	0.00	0.00	0.20	25.00
Other W. Europe	1.35	0.91	1.00	0.40	3.96	2.53	2.00	2.00	5.34	2.30	2.00	0.80	-1.20	-60.00	-1.50	-65.22
Others	0.03	0.02	0.03	0.03	8.80	8.41	8.80	8.80	0.22	0.19	0.22	0.22	0.00	0.00	0.04	18.92
	0.05	0.04	0.03	0.03	4.33	4.17	4.23	4.23	0.21	0.17	0.11	0.11	0.00	0.00	-0.06	-35.67
Other Foreign																
Thailand	54.82	57.43	58.07	58.11	2.02	2.09	2.06	2.07	110.99	119.94	119.74	120.05	0.30	0.25	0.11	0.09
Brazil	1.08	1.29	1.25	1.25	3.43	3.33	3.44	3.44	3.70	4.30	4.30	4.30	0.00	0.00	0.00	0.00
India	11.39	12.27	12.50	12.50	2.64	2.62	2.72	2.72	30.08	32.11	34.00	34.00	0.00	0.00	1.89	5.89
Canada	6.31	5.98	6.30	6.30	1.72	1.80	1.67	1.67	10.85	10.78	10.50	10.50	0.00	0.00	-0.28	-2.60
Indonesia	1.01	1.12	1.15	1.15	7.10	7.96	7.39	7.39	7.18	8.90	8.50	8.50	0.00	0.00	-0.40	-4.49
Philippines	2.90	3.20	2.90	3.00	1.97	2.03	2.00	2.07	5.70	6.50	5.80	6.20	0.40	6.90	-0.30	-4.62
Egypt	2.37	2.77	2.70	2.70	1.49	1.77	1.61	1.61	3.53	4.89	4.35	4.35	0.00	0.00	-0.54	-11.12
Zimbabwe	0.84	0.74	0.80	0.80	7.18	7.82	7.63	7.63	6.01	5.76	6.10	6.10	0.00	0.00	0.34	5.90
Others	1.23	1.45	1.60	1.60	1.19	1.03	1.25	1.25	1.46	1.50	2.00	2.00	0.00	0.00	0.50	33.33
	27.71	28.63	28.87	28.81	1.53	1.58	1.53	1.53	42.48	45.20	44.19	44.10	-0.10	-0.21	-1.10	-2.43

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Production Estimates and Crop Assessment Division, FAS, USDA

TABLE 6
Barley Area, Yield, and Production
World and Selected Countries and Regions

Country/Region	Area			Yield			Production			Change in Production			
	Prel.			Prel.			Prel.			From last month		From last year	
	1997/98	1998/99	1999/00 Proj.	1997/98	1998/99	1999/00 Proj.	1997/98	1998/99	1999/00 Proj.	MMT	Percent	MMT	Percent
						</							

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Production Estimates and Crop Assessment Division, FAS, USDA

TABLE 7
Oats Area, Yield, and Production
World and Selected Countries and Regions

Country/Region	Area				Yield				Production				Change in Production			
	Million hectares				Metric tons per hectare				Million metric tons				From last month			
	1997/98	1998/99	Prel.	1999/00 Proj.	1997/98	1998/99	Prel.	1999/00 Proj.	1997/98	1998/99	Prel.	1999/00 Proj.	MMT	Percent	MMT	Percent
World	16.63	15.44	14.24	14.24	1.86	1.67	1.74	1.74	30.90	25.76	24.81	24.84	0.03	0.12	-0.92	-3.56
United States	1.14	1.12	1.00	0.99	2.13	2.16	2.15	2.14	2.43	2.41	2.15	2.13	-0.02	-0.93	-0.28	-11.71
Total Foreign	15.49	14.33	13.24	13.24	1.84	1.63	1.71	1.72	28.47	23.35	22.66	22.71	0.05	0.22	-0.63	-2.72
FSU-12	7.47	6.16	5.46	5.46	1.50	0.99	1.11	1.11	11.23	6.12	6.05	6.05	0.00	0.00	-0.07	-1.18
Russia	6.50	5.20	4.50	4.50	1.45	0.88	1.00	1.00	9.40	4.60	4.50	4.50	0.00	0.00	-0.10	-2.17
Ukraine	0.55	0.55	0.55	0.55	1.92	1.35	1.64	1.64	1.06	0.74	0.90	0.90	0.00	0.00	0.16	21.62
Belarus	0.34	0.30	0.30	0.30	2.06	2.33	1.83	1.83	0.70	0.70	0.55	0.55	0.00	0.00	-0.15	-21.43
Baltic States	0.16	0.16	0.16	0.16	2.13	2.13	2.13	2.13	0.34	0.34	0.34	0.34	0.00	0.00	0.00	0.00
Maj. Foreign Exporters	2.72	2.78	2.55	2.55	2.07	2.13	2.09	2.11	5.63	5.90	5.33	5.38	0.05	0.94	-0.52	-8.81
Canada	1.50	1.59	1.45	1.45	2.32	2.49	2.48	2.52	3.49	3.96	3.60	3.65	0.05	1.39	-0.31	-7.78
Australia	0.93	0.91	0.82	0.82	1.75	1.71	1.65	1.65	1.63	1.56	1.35	1.35	0.00	0.00	-0.21	-13.29
Argentina	0.29	0.28	0.28	0.28	1.76	1.40	1.36	1.36	0.51	0.39	0.38	0.38	0.00	0.00	-0.00	-1.30
Other Foreign	5.51	5.61	5.46	5.46	2.27	2.13	2.21	2.21	12.52	11.96	12.05	12.05	-0.00	-0.00	0.08	0.69
China	0.45	0.55	0.50	0.50	0.89	1.18	1.20	1.20	0.40	0.65	0.60	0.60	0.00	0.00	-0.05	-7.69
European Union	2.00	1.94	1.83	1.83	3.33	3.22	3.41	3.41	6.66	6.24	6.24	6.24	0.00	0.00	-0.00	-0.00
France	0.13	0.14	0.12	0.12	4.24	4.73	4.67	4.67	0.56	0.66	0.56	0.56	0.00	0.00	-0.10	-14.89
Germany	0.31	0.26	0.28	0.28	5.16	4.84	4.82	4.82	1.60	1.28	1.35	1.35	0.00	0.00	0.07	5.63
Italy	0.15	0.15	0.15	0.15	2.06	2.49	2.47	2.47	0.31	0.38	0.37	0.37	0.00	0.00	-0.01	-2.12
Finland	0.37	0.39	0.39	0.39	3.37	2.52	2.82	2.82	1.24	0.98	1.10	1.10	0.00	0.00	0.13	12.82
Sweden	0.32	0.31	0.31	0.31	4.05	3.65	3.87	3.87	1.28	1.14	1.20	1.20	0.00	0.00	0.06	5.63
Eastern Europe	1.15	1.10	1.15	1.15	2.34	2.26	2.24	2.24	2.69	2.48	2.57	2.57	0.00	0.00	0.08	3.34
Czech Rep.	0.08	0.06	0.06	0.06	3.17	3.17	3.18	3.18	0.25	0.19	0.18	0.18	0.00	0.00	-0.02	-7.89
Poland	0.63	0.56	0.57	0.57	2.60	2.60	2.63	2.63	1.63	1.46	1.50	1.50	0.00	0.00	0.04	2.74
Yugoslavia	0.13	0.13	0.13	0.13	1.88	1.80	1.77	1.77	0.24	0.24	0.23	0.23	0.00	0.00	-0.01	-4.17
Norway	0.09	0.10	0.10	0.10	3.90	3.94	3.95	3.95	0.36	0.38	0.38	0.38	0.00	0.00	-0.00	-0.79
Turkey	0.16	0.17	0.15	0.15	1.77	1.80	1.72	1.72	0.28	0.31	0.25	0.25	0.00	0.00	-0.06	-19.35
Others	1.29	1.37	1.35	1.35	0.69	0.67	0.67	0.67	0.88	0.92	0.91	0.91	-0.00	-0.00	-0.01	-1.41

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Production Estimates and Crop Assessment Division, FAS, USDA

TABLE 8

Rye Area, Yield, and Production

World and Selected Countries and Regions

Country/Region	Area				Yield				Production				Change in Production			
	Prel.		1999/00 Proj.		Prel.		1999/00 Proj.		Prel.		1999/00 Proj.		From last month		From last year	
	1997/98	1998/99	Oct..	Nov.	1997/98	1998/99	Oct..	Nov.	1997/98	1998/99	Oct..	Nov.	MMT	Percent	MMT	Percent
	Million hectares				Metric tons per hectare				Million metric tons							
World	10.37	10.35	10.06	10.08	2.35	1.96	1.97	1.97	24.40	20.31	19.80	19.82	0.03	0.13	-0.49	-2.42
United States	0.13	0.17	0.16	0.16	1.62	1.78	1.80	1.80	0.21	0.30	0.28	0.28	0.00	0.00	-0.02	-7.00
Total Foreign	10.24	10.19	9.91	9.92	2.36	1.97	1.97	1.97	24.19	20.01	19.52	19.54	0.03	0.13	-0.47	-2.35
FSU-12	5.66	5.47	5.57	5.57	1.95	1.12	1.26	1.26	11.01	6.11	7.01	7.01	0.00	0.00	0.90	14.74
Russia	4.00	3.80	4.00	4.00	1.88	0.87	1.13	1.13	7.50	3.30	4.50	4.50	0.00	0.00	1.20	36.36
Ukraine	0.70	0.70	0.60	0.60	1.94	1.64	2.00	2.00	1.35	1.14	1.20	1.20	0.00	0.00	0.06	5.26
Belarus	0.89	0.90	0.90	0.90	2.36	1.78	1.39	1.39	2.10	1.60	1.25	1.25	0.00	0.00	-0.35	-21.88
Baltic States	0.24	0.24	0.24	0.24	2.08	2.04	2.04	2.04	0.49	0.49	0.49	0.49	0.00	0.00	0.00	0.00
Major Exporter																
Canada	0.16	0.20	0.16	0.18	1.98	1.95	2.34	2.29	0.32	0.40	0.38	0.40	0.03	6.67	0.00	0.50
Other Foreign	4.18	4.27	3.94	3.94	2.96	3.05	2.96	2.96	12.37	13.02	11.65	11.65	0.00	0.00	-1.37	-10.54
Eastern Europe	2.56	2.53	2.44	2.44	2.32	2.48	2.34	2.34	5.93	6.28	5.70	5.70	0.00	0.00	-0.58	-9.18
Hungary	0.07	0.06	0.04	0.04	2.00	2.08	2.00	2.00	0.14	0.13	0.08	0.08	0.00	0.00	-0.05	-37.98
Poland	2.30	2.29	2.24	2.24	2.31	2.47	2.32	2.32	5.30	5.66	5.20	5.20	0.00	0.00	-0.46	-8.19
Czech Rep.	0.08	0.07	0.06	0.06	3.41	3.63	3.64	3.64	0.26	0.26	0.20	0.20	0.00	0.00	-0.06	-23.37
European Union	1.34	1.46	1.18	1.18	4.51	4.37	4.69	4.69	6.03	6.36	5.55	5.55	0.00	0.00	-0.81	-12.70
Denmark	0.08	0.11	0.06	0.06	5.39	5.12	4.73	4.73	0.45	0.54	0.26	0.26	0.00	0.00	-0.28	-51.67
France	0.05	0.05	0.04	0.04	4.40	4.70	4.51	4.51	0.21	0.22	0.19	0.19	0.00	0.00	-0.03	-14.35
Germany	0.85	0.94	0.75	0.75	5.41	5.10	5.76	5.76	4.58	4.77	4.32	4.32	0.00	0.00	-0.45	-9.51
Spain	0.15	0.15	0.15	0.15	1.48	1.50	1.50	1.50	0.23	0.23	0.23	0.23	0.00	0.00	0.00	0.00
Austria	0.06	0.06	0.06	0.06	3.63	4.29	3.88	3.88	0.21	0.24	0.23	0.23	0.00	0.00	-0.01	-4.66
Sweden	0.03	0.04	0.02	0.02	5.17	4.60	5.42	5.42	0.15	0.16	0.13	0.13	0.00	0.00	-0.03	-19.25
Turkey	0.15	0.15	0.18	0.18	1.60	1.61	1.39	1.39	0.24	0.24	0.25	0.25	0.00	0.00	0.01	5.49
Others	0.14	0.14	0.14	0.14	1.18	1.07	1.06	1.06	0.17	0.15	0.15	0.15	0.00	0.00	-0.00	-0.68

TABLE 9
Sorghum Area, Yield, and Production
World and Selected Countries and Regions

Country/Region	Area					Yield					Production					Change in Production			
	Prel.		1999/00 Proj.			Prel.		1999/00 Proj.			Prel.		1999/00 Proj.			From last month		From last year	
	1997/98	1998/99	1998/99	Oct.	Nov.	1997/98	1998/99	1998/99	Oct.	Nov.	1997/98	1998/99	1998/99	Oct.	Nov.	MMT	Percent	MMT	Percent
	Million hectares					Metric tons per hectare					Million metric tons					MMT <td>Percent</td> <td>MMT<td>Percent</td></td>	Percent	MMT <td>Percent</td>	Percent
World	41.54	40.90	41.28	41.40		1.42	1.47	1.45	1.47	1.47	58.83	60.02	60.01	60.98		0.98	1.63	0.97	1.61
United States	3.71	3.13	3.44	3.44		4.34	4.23	4.29	4.40	4.40	16.09	13.21	14.74	15.14		0.40	2.69	1.93	14.63
Total Foreign	37.83	37.77	37.84	37.96		1.13	1.24	1.20	1.21	1.21	42.74	46.81	45.26	45.84		0.58	1.28	-0.97	-2.06
India	10.99	10.24	10.40	10.40		0.73	0.83	0.77	0.77	0.77	7.98	8.53	8.00	8.00		0.00	0.00	-0.52	-6.16
China	1.08	1.10	1.10	1.10		3.36	4.55	4.09	4.09	4.09	3.64	5.00	4.50	4.50		0.00	0.00	-0.50	-10.00
Mexico	1.80	1.95	1.85	2.00		3.16	3.21	3.35	3.25	3.25	5.70	6.25	6.20	6.50		0.30	4.84	0.25	4.00
Nigeria	6.50	6.60	6.60	6.60		1.07	1.11	1.09	1.14	1.14	6.93	7.30	7.20	7.50		0.30	4.17	0.20	2.74
Sudan	5.70	6.00	6.00	6.00		0.56	0.72	0.72	0.72	0.72	3.20	4.30	4.30	4.30		0.00	0.00	0.00	0.00
Argentina	0.79	0.75	0.80	0.80		4.80	4.27	4.38	4.38	4.38	3.77	3.20	3.50	3.50		0.00	0.00	0.30	9.37
Australia	0.57	0.68	0.60	0.60		1.90	2.45	2.00	2.00	2.00	1.08	1.66	1.20	1.20		0.00	0.00	-0.46	-27.88
Ethiopia	1.50	1.60	1.60	1.60		1.33	1.06	1.06	1.06	1.06	2.00	1.70	1.70	1.70		0.00	0.00	0.00	0.00
Colombia	0.07	0.06	0.06	0.06		2.77	2.92	3.00	3.00	3.00	0.18	0.18	0.17	0.17		0.00	0.00	-0.01	-5.71
Venezuela	0.25	0.24	0.24	0.24		1.55	1.54	1.54	1.54	1.54	0.38	0.37	0.37	0.37		0.00	0.00	0.00	0.00
Egypt	0.16	0.16	0.16	0.16		4.78	4.78	4.84	4.84	4.84	0.76	0.77	0.75	0.75		0.00	0.00	-0.01	-1.96
Yemen	0.38	0.38	0.40	0.40		0.96	1.00	0.90	0.90	0.90	0.36	0.38	0.36	0.36		0.00	0.00	-0.01	-4.00
Tanzania	0.63	0.50	0.50	0.50		0.80	0.85	0.80	0.80	0.80	0.50	0.43	0.40	0.40		0.00	0.00	-0.03	-5.88
Niger	1.40	1.50	1.50	1.50		0.30	0.47	0.40	0.40	0.40	0.43	0.70	0.60	0.60		0.00	0.00	-0.10	-14.29
South Africa	0.13	0.10	0.15	0.15		2.02	1.56	1.93	1.93	1.93	0.27	0.16	0.28	0.28		0.00	0.00	0.12	79.49
Thailand	0.16	0.16	0.16	0.16		1.25	1.25	1.25	1.25	1.25	0.20	0.20	0.20	0.20		0.00	0.00	0.00	0.00
Others	5.74	5.76	5.73	5.70		0.93	0.99	0.97	0.97	0.97	5.37	5.71	5.54	5.52		-0.02	-0.36	-0.19	-3.26

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Production Estimates and Crop Assessment Division, FAS, USDA

TABLE 10
Rice Area, Yield, and Production
World and Selected Countries and Regions

Country/Region	Area			Yield (Rough)			Production (Milled)			Change in Production									
	Prel.			Prel.			Prel.			From last month			From last year						
	1997/98	1998/99	1999/00 Proj.	1997/98	1998/99	1999/00 Proj.	1997/98	1998/99	1999/00 Proj.	MMT	Percent	MMT	Percent	MMT	Percent				
World	151.34	152.24	153.80	153.85			3.79	3.82	3.80	3.83		386.66	391.71	393.49	396.84	3.35	0.85	5.13	1.31
United States	1.26	1.34	1.45	1.45			6.61	6.36	6.66	6.65		5.77	6.14	6.93	6.91	-0.02	-0.27	0.77	12.59
Total Foreign	150.09	150.89	152.36	152.41			3.77	3.80	3.77	3.80		380.90	385.56	386.56	389.93	3.37	0.87	4.36	1.13
Major Exporters																			
Vietnam	63.05	64.27	64.59	64.59			2.89	2.91	2.92	2.92		121.24	124.43	125.50	125.50	0.00	0.00	1.07	0.86
Thailand	7.38	7.54	7.50	7.50			3.92	4.01	4.00	4.00		19.09	19.97	19.80	19.80	0.00	0.00	-0.17	-0.84
India	9.94	9.83	9.84	9.84			2.36	2.32	2.37	2.37		15.51	15.05	15.40	15.40	0.00	0.00	0.35	2.34
Pakistan	43.42	44.48	44.80	44.80			2.84	2.86	2.86	2.86		82.30	84.74	85.50	85.50	0.00	0.00	0.76	0.90
	2.32	2.42	2.45	2.45			2.81	2.89	2.94	2.94		4.33	4.67	4.80	4.80	0.00	0.00	0.13	2.70
Major Importers																			
Indonesia	21.98	22.26	22.67	22.63			3.50	3.68	3.60	3.61		49.26	52.45	52.22	52.24	0.03	0.05	-0.21	-0.40
Brazil	11.73	11.50	11.60	11.60			4.20	4.42	4.38	4.38		31.12	32.10	32.10	32.10	0.00	0.00	0.00	0.00
European Union	3.29	3.72	3.70	3.60			2.60	3.08	2.74	2.78		5.82	7.79	6.90	6.80	-0.10	-1.45	-0.99	-12.66
Iran	0.42	0.42	0.41	0.40			6.37	6.17	6.70	6.72		1.80	1.69	1.77	1.75	-0.02	-0.96	0.06	3.74
Philippines	0.60	0.60	0.58	0.58			4.00	4.38	4.18	4.18		1.60	1.75	1.60	1.60	0.00	0.00	-0.15	-8.57
Nigeria	3.50	3.63	3.98	3.98			2.85	2.83	2.86	2.86		6.49	6.67	7.40	7.40	0.00	0.00	0.73	10.88
	1.65	1.65	1.65	1.66			1.87	1.92	1.92	2.01		1.85	1.90	1.90	2.00	0.10	5.26	0.10	5.26
Other Foreign	65.06	64.36	65.09	65.19			4.71	4.72	4.68	4.74		210.40	208.68	208.84	212.18	3.34	1.60	3.50	1.68
China	31.77	31.21	31.30	31.30			6.32	6.37	6.30	6.44		140.49	139.10	138.00	141.00	3.00	2.17	1.90	1.37
Burma	5.60	5.60	5.80	5.80			2.74	2.86	2.84	2.84		8.90	9.30	9.55	9.55	0.00	0.00	0.25	2.69
Bangladesh	10.26	9.98	10.50	10.50			2.76	2.87	2.79	2.79		18.86	19.10	19.50	19.50	0.00	0.00	0.40	2.09
Japan	1.95	1.80	1.70	1.78			6.42	6.22	6.46	6.44		9.12	8.15	8.00	8.35	0.35	4.38	0.20	2.40
South Korea	1.05	1.06	1.06	1.07			7.00	6.51	6.73	6.62		5.45	5.10	5.25	5.22	-0.03	-0.57	0.12	2.35
Egypt	0.63	0.50	0.58	0.58			8.57	8.14	8.11	8.11		3.51	2.79	3.20	3.20	0.00	0.00	0.41	14.70
Taiwan	0.36	0.36	0.36	0.36			5.61	5.19	5.46	5.46		1.46	1.31	1.40	1.40	0.00	0.00	0.09	6.79
FSU-12	0.51	0.51	0.43	0.43			2.40	2.40	2.50	2.50		0.79	0.80	0.69	0.69	0.00	0.00	-0.10	-13.03
Russia	0.16	0.16	0.15	0.15			2.07	2.07	2.21	2.21		0.22	0.22	0.22	0.22	0.00	0.00	0.00	0.00
Australia	0.14	0.15	0.15	0.15			9.44	9.14	8.86	8.86		0.95	0.99	0.95	0.95	0.00	0.00	-0.04	-4.43
Others	12.78	13.19	13.22	13.22			2.51	2.57	2.60	2.60		20.85	22.03	22.30	22.32	0.02	0.08	0.28	1.28

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Production Estimates and Crop Assessment Division, FAS, USDA

TABLE 11

Total Oilseed Area, Yield, and Production

World and Selected Countries and Regions

Country/Region	Area				Yield				Production				Change in Production			
	Prel.		1999/00 Proj.		Prel.		1999/00 Proj.		Prel.		1999/00 Proj.		From last month		From last year	
	1997/98	1998/99	Oct.	Nov.	1997/98	1998/99	Oct.	Nov.	1997/98	1998/99	Oct.	Nov.	MMT	Percent	MMT	Percent
World Total 1/ Total Foreign 1/ Copra Palm Kernel	-- -- -- --	-- -- -- --	-- -- -- --	-- -- -- --	-- -- -- --	-- -- -- --	-- -- -- --	-- -- -- --	286.97 203.88 5.45 5.13	293.63 209.25 4.67 5.76	295.54 211.80 5.44 6.12	297.12 213.96 5.44 6.12	1.57 2.16 0.00 0.00	0.53 1.02 0.00 0.00	3.49 4.71 0.77 0.36	1.19 2.25 16.40 6.30
Major Oilseeds 2/ United States 2/	165.92 35.35	171.92 35.28	175.12 37.35	175.69 37.35	1.67 2.35	1.65 2.39	1.62 2.24	1.63 2.23	276.40 83.10	283.20 84.38	283.99 83.75	285.56 83.16	1.57 -0.59	0.55 -0.70	2.36 -1.22	0.83 -1.45
Foreign Oilseeds 2/ South America Brazil Argentina Paraguay China India European Union France Italy Germany Spain United Kingdom FSU-12 Russia Ukraine Uzbekistan Turkmenistan Canada Indonesia Pakistan Eastern Europe Poland Romania Hungary Turkey Philippines Mexico Others	130.57 28.01 14.03 11.53 1.47 23.75 30.50 6.10 1.96 0.75 0.95 1.14 0.47 9.13 4.10 2.06 1.48 0.45 5.99 1.76 3.52 2.86 0.32 0.85 0.55 1.31 0.05 0.43 17.16	136.64 28.39 13.87 12.22 1.43 23.95 32.55 6.41 2.06 0.79 1.04 1.15 0.53 10.23 4.69 2.51 1.49 0.48 6.47 1.75 3.45 3.23 0.47 0.97 0.50 1.34 0.06 0.41 18.41	137.77 27.70 13.52 11.75 1.43 24.20 31.10 6.55 2.22 0.61 1.19 1.09 0.56 11.96 5.92 3.05 1.50 0.48 6.69 1.75 3.58 3.80 0.54 1.09 0.75 1.33 0.06 0.33 18.74	138.34 28.25 13.92 11.88 1.46 24.20 31.10 6.60 2.22 0.61 1.24 1.09 0.56 11.96 5.92 3.05 1.50 0.48 6.69 1.75 3.59 3.85 0.54 1.14 0.75 1.33 0.06 0.35 18.62	1.48 2.30 2.38 2.27 2.18 1.83 0.80 2.46 2.86 2.47 3.11 1.43 3.23 0.98 0.78 1.15 1.55 0.82 1.54 1.31 1.04 1.48 1.88 1.17 1.31 1.50 0.87 0.89	1.46 2.25 2.31 2.24 2.26 1.85 0.80 2.37 2.75 2.07 3.33 1.16 2.97 0.88 0.72 0.94 1.35 0.87 1.61 1.32 0.96 1.63 2.36 1.22 1.65 1.54 0.89 0.91	1.45 2.22 2.33 2.14 2.17 1.85 0.77 2.53 3.02 2.55 3.45 0.78 3.21 0.87 0.72 0.93 1.40 0.88 1.66 1.32 1.07 1.68 2.21 1.21 1.63 1.60 0.89 1.38 0.89	1.46 2.21 2.30 2.15 2.21 1.85 0.78 2.53 3.02 2.55 3.43 0.78 3.21 0.90 0.72 0.97 1.50 1.01 1.71 1.32 1.11 1.69 2.21 1.24 1.63 1.60 0.89 1.27 0.89	193.31 64.32 33.39 26.17 3.20 43.41 24.25 14.97 5.62 1.84 2.96 1.62 1.52 8.97 3.18 2.37 2.30 0.37 9.20 2.30 3.66 4.25 0.60 0.99 0.72 1.97 0.05 0.67 15.31	198.82 63.84 32.00 27.39 3.23 44.22 25.89 15.20 5.66 1.64 3.48 1.34 1.58 8.96 3.40 2.35 2.00 0.42 10.44 2.30 3.30 5.27 1.10 1.18 0.83 2.07 0.05 16.70	200.24 61.39 31.49 25.15 3.10 44.85 24.00 16.55 6.68 1.56 4.09 0.85 1.80 10.43 4.24 2.85 2.10 0.42 11.12 2.30 3.82 6.41 1.20 1.31 1.23 2.13 0.05 16.74	202.40 62.43 31.99 25.58 3.22 44.85 24.20 16.70 6.68 1.56 4.24 0.85 1.80 10.74 4.24 2.95 2.25 0.48 11.42 2.30 3.99 6.51 1.20 1.41 1.23 2.13 0.05 16.65	2.16 1.04 0.50 0.43 0.12 0.00 0.20 0.15 0.00 0.00 0.00 0.15 0.00 0.31 0.00 0.10 0.15 0.06 0.30 0.00 0.17 0.10 0.00 0.10 0.00 0.00 0.00 -0.01 -0.10	1.08 1.69 1.59 1.71 3.87 0.00 0.83 0.91 0.00 0.00 3.67 0.00 2.97 0.00 0.00 3.51 7.14 14.29 2.70 0.00 4.45 1.56 0.00 0.00 0.00 -2.20 -0.57	3.58 -1.41 -0.01 -1.81 -0.01 0.63 -1.69 1.50 1.02 -0.08 0.76 -0.48 0.22 1.78 0.84 0.59 0.25 0.07 0.98 0.00 0.70 1.24 0.10 0.23 0.39 0.06 0.00 -0.16 -0.05	1.80 -2.21 -0.04 -6.61 -0.31 1.43 -6.52 9.86 18.02 -4.93 21.92 -36.03 14.29 19.88 24.71 25.16 12.50 15.66 9.44 0.00 21.07 23.55 9.19 19.46 47.41 2.91 0.00 -26.69 -0.32

1/ Major oilseeds plus copra and palm kernel. 2/ Individual countries and regions include soybean, cottonseed, peanut (inshell), sunflowerseed, and rapeseed.

November 1999

Production Estimates and Crop Assessment Division, FAS, USDA

TABLE 12
Soybean Area, Yield, and Production
World and Selected Countries and Regions

Country/Region	Area				Yield				Production				Change in Production			
	Prel.		1999/00 Proj.		Prel.		1999/00 Proj.		Prel.		1999/00 Proj.		From last month		From last year	
	1997/98	1998/99	Oct.	Nov.	1997/98	1998/99	Oct.	Nov.	1997/98	1998/99	Oct.	Nov.	MMT	Percent	MMT	Percent
	Million hectares				Metric tons per hectare				Million metric tons							
World	68.88	70.48	70.07	70.64	2.29	2.26	2.20	2.19	158.07	158.93	153.86	154.35	0.49	0.32	-4.59	-2.89
United States	27.97	28.51	29.46	29.46	2.62	2.62	2.49	2.47	73.18	74.60	73.38	72.75	-0.63	-0.86	-1.85	-2.48
Total Foreign	40.91	41.97	40.62	41.18	2.08	2.01	1.98	1.98	84.90	84.33	80.48	81.60	1.12	1.39	-2.73	-3.24
Major Exporters																
Brazil	21.15	21.60	21.15	21.80	2.60	2.50	2.43	2.41	54.99	53.90	51.35	52.50	1.15	2.24	-1.40	-2.60
Argentina	13.00	12.90	12.50	12.90	2.50	2.40	2.44	2.40	32.50	31.00	30.50	31.00	0.50	1.64	0.00	0.00
Paraguay	6.95	7.50	7.50	7.70	2.80	2.65	2.40	2.40	19.50	19.90	18.00	18.50	0.50	2.78	-1.40	-7.04
	1.20	1.20	1.15	1.20	2.49	2.50	2.48	2.50	2.99	3.00	2.85	3.00	0.15	5.26	0.00	0.00
Other Foreign																
China	19.76	20.37	19.47	19.38	1.51	1.49	1.50	1.50	29.91	30.43	29.13	29.10	-0.03	-0.10	-1.33	-4.39
India	8.35	8.20	7.80	7.80	1.76	1.83	1.79	1.79	14.73	15.00	14.00	14.00	0.00	0.00	-1.00	-6.67
Canada	5.60	6.35	5.80	5.80	0.96	0.94	0.95	0.95	5.35	6.00	5.50	5.50	0.00	0.00	-0.50	-8.33
Indonesia	1.06	0.98	1.00	1.00	2.58	2.79	2.70	2.70	2.74	2.74	2.70	2.70	0.00	0.00	-0.04	-1.35
Eastern Europe	1.09	1.08	1.08	1.08	1.20	1.21	1.21	1.21	1.31	1.30	1.30	1.30	0.00	0.00	0.00	0.00
European Union	0.16	0.30	0.23	0.23	2.22	1.71	1.82	1.82	0.36	0.51	0.43	0.43	0.00	0.00	-0.09	-17.12
FSU-12	0.46	0.52	0.43	0.43	3.44	2.96	3.32	3.32	1.57	1.54	1.41	1.41	0.00	0.00	-0.12	-7.95
Russia	0.42	0.47	0.47	0.47	0.72	0.70	0.70	0.70	0.31	0.33	0.33	0.33	0.00	0.00	0.00	0.00
Ukraine	0.40	0.44	0.44	0.44	0.69	0.68	0.68	0.68	0.28	0.30	0.30	0.30	0.00	0.00	0.00	0.00
Mexico	0.01	0.02	0.02	0.02	1.29	1.00	1.00	1.00	0.02	0.02	0.02	0.02	0.00	0.00	0.00	0.00
Thailand	0.13	0.09	0.08	0.10	1.48	1.61	1.60	1.16	0.19	0.14	0.12	0.11	-0.01	-8.33	-0.03	-23.08
North Korea	0.24	0.23	0.23	0.23	1.43	1.46	1.39	1.39	0.34	0.34	0.32	0.32	0.00	0.00	-0.02	-4.48
Japan	0.33	0.33	0.34	0.34	1.29	1.29	1.32	1.32	0.42	0.42	0.45	0.45	0.00	0.00	0.03	7.14
Bolivia	0.08	0.11	0.11	0.11	1.75	1.45	1.55	1.55	0.15	0.16	0.17	0.17	0.00	0.00	0.01	7.59
South Korea	0.54	0.40	0.50	0.50	2.00	1.55	2.10	2.10	1.07	0.62	1.05	1.05	0.00	0.00	0.43	69.35
Colombia	0.10	0.10	0.10	0.10	1.56	1.43	1.50	1.50	0.16	0.14	0.15	0.15	0.00	0.00	0.01	7.14
Others	0.04	0.04	0.04	0.04	2.17	2.17	2.20	2.20	0.08	0.08	0.09	0.09	0.00	0.00	0.01	15.79
	1.18	1.20	1.27	1.17	0.98	0.94	0.88	0.94	1.16	1.13	1.11	1.09	-0.02	-1.80	-0.03	-3.01

TABLE 13

Cottonseed Area, Yield, and Production

World and Selected Countries and Regions

Country/Region	Area				Yield				Production				Change in Production	
	Prel.	1998/99	Oct.	Nov.	Prel.	1998/99	Oct.	Nov.	Prel.	1998/99	Oct.	Nov.	From last month	From last year
	1997/98	1998/99	Oct.	Nov.	1997/98	1998/99	Oct.	Nov.	1997/98	1998/99	Oct.	Nov.		
		Million hectares			Metric tons per hectare					Million metric tons			MMT	Percent
World	33.77	32.91	32.80	32.76	1.04	1.00	1.02	1.03	35.06	32.80	33.30	33.77	0.46	1.39
United States	5.43	4.32	5.43	5.43	1.16	1.13	1.04	1.05	6.29	4.87	5.63	5.68	0.04	0.73
Total Foreign	28.34	28.59	27.38	27.33	1.02	0.98	1.01	1.03	28.77	27.93	27.67	28.09	0.42	1.53
China	4.49	4.46	3.90	3.90	1.84	1.82	1.91	1.91	8.28	8.10	7.45	7.45	0.00	0.00
FSU-12	2.47	2.50	2.47	2.47	1.24	1.13	1.20	1.29	3.07	2.83	2.97	3.18	0.21	7.08
Uzbekistan	1.48	1.49	1.50	1.50	1.55	1.35	1.40	1.50	2.30	2.00	2.10	2.25	0.15	7.14
Turkmenistan	0.45	0.48	0.48	0.48	0.82	0.87	0.88	1.01	0.37	0.42	0.42	0.48	0.06	14.29
India	8.90	9.30	8.70	8.70	0.59	0.58	0.60	0.62	5.24	5.44	5.20	5.40	0.20	3.85
Pakistan	2.96	2.90	3.00	3.00	1.06	0.95	1.08	1.13	3.12	2.75	3.25	3.40	0.15	4.62
Brazil	0.85	0.80	0.85	0.85	0.76	0.98	0.93	0.93	0.65	0.78	0.79	0.79	0.00	0.00
Turkey	0.72	0.76	0.73	0.73	1.65	1.70	1.79	1.79	1.19	1.29	1.30	1.30	0.00	0.00
African Franc Zone	2.24	2.35	2.38	2.38	0.72	0.65	0.70	0.65	1.61	1.51	1.65	1.55	-0.11	-6.53
Australia	0.44	0.55	0.45	0.45	2.15	1.79	2.18	2.18	0.94	0.99	0.98	0.98	0.00	0.00
Egypt	0.37	0.28	0.28	0.28	1.28	1.36	1.38	1.38	0.48	0.38	0.38	0.38	0.00	0.00
Argentina	0.85	0.65	0.50	0.50	0.64	0.54	0.70	0.70	0.55	0.35	0.35	0.35	0.00	0.00
Paraguay	0.20	0.14	0.20	0.18	0.60	0.71	0.70	0.63	0.12	0.10	0.14	0.11	-0.03	-21.43
Greece	0.39	0.41	0.43	0.43	1.44	1.39	1.39	1.39	0.56	0.57	0.59	0.59	0.00	0.00
Syria	0.25	0.27	0.24	0.24	2.78	2.50	2.58	2.58	0.70	0.68	0.62	0.62	0.00	0.00
Mexico	0.20	0.23	0.16	0.16	1.67	1.48	1.28	1.28	0.33	0.34	0.21	0.21	0.00	0.00
Colombia	0.05	0.06	0.06	0.06	1.31	1.35	1.23	1.13	0.07	0.07	0.07	0.07	-0.01	-8.11
Sudan	0.27	0.15	0.23	0.23	0.79	0.85	0.76	0.85	0.21	0.13	0.17	0.19	0.02	12.94
Others	2.68	2.79	2.83	2.81	0.61	0.58	0.55	0.55	1.64	1.62	1.55	1.54	-0.01	-0.97

TABLE 14

Peanut Area, Yield, and Production

World and Selected Countries and Regions

Country/Region	Area				Yield				Production				Change in Production				
	Prel.		1999/00 Proj.		Prel.		1999/00 Proj.		Prel.		1999/00 Proj.		From last month		From last year		
	1997/98	1998/99	Oct.	Nov.	1997/98	1998/99	Oct.	Nov.	1997/98	1998/99	Oct.	Nov.	MMT	Percent	MMT	Percent	
		Million hectares				Metric tons per hectare				Million metric tons				MMT	Percent	MMT	Percent
World	19.97	21.27	21.18	21.14	1.33	1.36	1.31	1.31	1.31	26.63	28.87	27.83	27.79	-0.04	-0.13	-1.08	-3.73
United States	0.57	0.59	0.58	0.58	2.81	3.03	2.98	2.99	2.99	1.61	1.80	1.73	1.74	0.00	0.17	-0.06	-3.45
Total Foreign	19.39	20.67	20.60	20.56	1.29	1.31	1.27	1.27	1.27	25.03	27.07	26.09	26.05	-0.04	-0.15	-1.02	-3.75
China	3.72	4.04	4.30	4.30	2.59	2.94	2.86	2.86	2.86	9.65	11.89	12.30	12.30	0.00	0.00	0.41	3.48
India	7.20	8.10	7.80	7.80	1.05	0.92	0.77	0.77	0.77	7.58	7.45	6.00	6.00	0.00	0.00	-1.45	-19.46
Indonesia	0.65	0.65	0.65	0.65	1.52	1.52	1.52	1.52	1.52	0.99	0.99	0.99	0.99	0.00	0.00	0.00	0.00
Senegal	0.73	0.62	0.62	0.62	0.70	0.89	0.97	0.97	0.97	0.51	0.55	0.60	0.60	0.00	0.00	0.05	9.09
Burma	0.48	0.48	0.48	0.48	1.17	1.17	1.17	1.17	1.17	0.56	0.56	0.56	0.56	0.00	0.00	0.00	0.00
Sudan	0.55	0.55	0.55	0.55	0.67	0.67	0.67	0.67	0.67	0.37	0.37	0.37	0.37	0.00	0.00	0.00	0.00
Zaire	0.72	0.72	0.72	0.72	0.78	0.78	0.78	0.78	0.78	0.57	0.57	0.57	0.57	0.00	0.00	0.00	0.00
Argentina	0.39	0.32	0.30	0.23	1.60	1.06	1.33	1.47	1.47	0.63	0.34	0.40	0.33	-0.07	-17.50	-0.01	-2.94
Nigeria	0.70	0.75	0.80	0.80	0.50	0.50	0.50	0.50	0.50	0.35	0.38	0.40	0.40	0.00	0.00	0.03	6.67
Vietnam	0.25	0.25	0.25	0.25	1.41	1.40	1.40	1.40	1.40	0.35	0.35	0.35	0.35	0.00	0.00	0.00	0.00
South Africa	0.06	0.10	0.08	0.08	1.64	1.53	1.56	1.56	1.56	0.10	0.15	0.13	0.13	0.00	0.00	-0.02	-13.79
Thailand	0.10	0.10	0.10	0.10	1.48	1.50	1.50	1.50	1.50	0.15	0.16	0.16	0.16	0.00	0.00	0.00	0.00
Burkina Faso	0.23	0.23	0.23	0.23	0.65	0.65	0.65	0.65	0.65	0.15	0.15	0.15	0.15	0.00	0.00	0.00	0.00
Brazil	0.10	0.09	0.09	0.09	1.94	1.89	1.67	1.67	1.67	0.19	0.17	0.15	0.15	0.00	0.00	-0.02	-11.76
Central African Rep.	0.10	0.10	0.10	0.10	0.97	1.00	1.00	1.00	1.00	0.10	0.10	0.10	0.10	0.00	0.00	0.00	0.00
Cameroon	0.32	0.42	0.42	0.42	0.28	0.40	0.40	0.40	0.40	0.09	0.17	0.17	0.17	0.00	0.00	0.00	0.00
Cote d'Ivoire	0.14	0.14	0.14	0.14	1.02	1.01	1.01	1.01	1.01	0.14	0.14	0.14	0.14	0.00	0.00	0.00	0.00
Mexico	0.09	0.09	0.09	0.09	1.49	1.41	1.40	1.40	1.40	0.14	0.12	0.13	0.13	0.00	0.00	0.01	4.17
Gambia	0.07	0.07	0.07	0.07	1.11	1.11	1.11	1.11	1.11	0.08	0.08	0.08	0.08	0.00	0.00	0.00	0.00
Others	2.80	2.86	2.81	2.85	0.84	0.84	0.84	0.84	0.84	2.35	2.41	2.37	2.40	0.03	1.27	-0.01	-0.37

TABLE 15

Sunflowerseed Area, Yield, and Production

World and Selected Countries and Regions

Country/Region	Area				Yield				Production				Change in Production			
	Prel.		1999/00 Proj.		Prel.		1999/00 Proj.		Prel.		1999/00 Proj.		From last month		From last year	
	1997/98	1998/99	Oct.	Nov.	1997/98	1998/99	Oct.	Nov.	1997/98	1998/99	Oct.	Nov.	MMT	Percent	MMT	Percent
	Million hectares				Metric tons per hectare				Million metric tons							
World	19.54	21.81	23.20	23.25	1.19	1.19	1.16	1.16	23.29	25.89	26.80	27.03	0.23	0.86	1.13	4.38
United States	1.13	1.41	1.45	1.45	1.48	1.69	1.57	1.57	1.67	2.39	2.29	2.29	0.00	0.00	-0.10	-4.35
Total Foreign	18.41	20.40	21.74	21.80	1.17	1.15	1.13	1.13	21.62	23.50	24.51	24.74	0.23	0.94	1.24	5.26
FSU-12	5.96	6.91	8.51	8.51	0.90	0.80	0.79	0.80	5.38	5.55	6.69	6.79	0.10	1.50	1.23	22.23
Russia	3.58	4.10	5.30	5.30	0.79	0.73	0.72	0.72	2.83	3.00	3.80	3.80	0.00	0.00	0.80	26.67
Ukraine	2.00	2.40	2.80	2.80	1.15	0.94	0.93	0.96	2.31	2.27	2.60	2.70	0.10	3.85	0.43	19.15
Argentina	3.33	3.75	3.45	3.45	1.65	1.81	1.86	1.86	5.50	6.80	6.40	6.40	0.00	0.00	-0.40	-5.88
European Union	2.33	2.26	2.15	2.15	1.73	1.51	1.50	1.50	4.04	3.41	3.24	3.24	0.00	0.00	-0.18	-5.16
France	0.90	0.81	0.82	0.82	2.17	2.09	2.39	2.39	1.94	1.68	1.95	1.95	0.00	0.00	0.27	16.07
Spain	0.97	0.99	0.92	0.92	1.42	1.11	0.65	0.65	1.37	1.10	0.60	0.60	0.00	0.00	-0.50	-45.31
Italy	0.30	0.31	0.26	0.26	1.67	1.31	1.77	1.77	0.51	0.41	0.46	0.46	0.00	0.00	0.05	12.75
Eastern Europe	1.93	2.04	2.32	2.37	1.20	1.34	1.37	1.38	2.31	2.74	3.18	3.28	0.10	3.15	0.54	19.74
Hungary	0.45	0.43	0.53	0.53	1.22	1.65	1.55	1.55	0.55	0.71	0.82	0.82	0.00	0.00	0.11	16.15
Romania	0.78	0.82	1.00	1.05	1.10	1.18	1.20	1.24	0.86	0.97	1.20	1.30	0.10	8.33	0.33	34.02
Yugoslavia	0.19	0.21	0.21	0.21	1.64	1.95	1.95	1.95	0.32	0.40	0.40	0.40	0.00	0.00	0.00	0.00
Bulgaria	0.45	0.51	0.50	0.50	1.11	1.02	1.20	1.20	0.50	0.52	0.60	0.60	0.00	0.00	0.09	16.50
Czech Rep.	0.01	0.02	0.02	0.02	2.09	2.00	2.00	2.00	0.02	0.04	0.04	0.04	0.00	0.00	0.00	0.00
China	0.72	0.72	0.80	0.80	1.64	1.29	1.63	1.63	1.18	0.93	1.30	1.30	0.00	0.00	0.37	39.78
India	2.10	2.20	2.20	2.20	0.55	0.55	0.59	0.59	1.15	1.20	1.30	1.30	0.00	0.00	0.10	8.33
Turkey	0.52	0.52	0.54	0.54	1.25	1.25	1.30	1.30	0.65	0.65	0.70	0.70	0.00	0.00	0.05	7.69
South Africa	0.51	0.83	0.60	0.60	1.10	1.33	1.12	1.12	0.56	1.10	0.67	0.67	0.00	0.00	-0.43	-39.09
Australia	0.09	0.17	0.12	0.12	1.07	1.25	1.13	1.13	0.10	0.21	0.14	0.14	0.00	0.00	-0.07	-35.41
Burma	0.12	0.12	0.12	0.12	0.75	0.75	0.75	0.75	0.09	0.09	0.09	0.09	0.00	0.00	0.00	0.00
Others	0.80	0.88	0.92	0.93	0.83	0.93	0.88	0.91	0.66	0.82	0.81	0.84	0.03	3.69	0.02	2.80

November 1999

Production Estimates and Crop Assessment Division, FAS, USDA

TABLE 16
Rapeseed Area, Yield, and Production
World and Selected Countries and Regions

Country/Region	Area				Yield				Production				Change in Production			
	Prel.		1999/00 Proj.		Prel.		1999/00 Proj.		Prel.		1999/00 Proj.		From last month		From last year	
	1997/98	1998/99	Oct.	Nov.	1997/98	1998/99	Oct.	Nov.	1997/98	1998/99	Oct.	Nov.	MMT	Percent	MMT	Percent

November 1999

Production Estimates and Crop Assessment Division, FAS, USDA

TABLE 17
Copra, Palm Kernel, and Palm Oil Production
World and Selected Countries and Regions

Country/Region	Production				Change in Production			
	1997/98	Prel. 1998/99	1999/00 Proj.		From last month		From last year	
			Oct.	Nov.				
	Million metric tons				MMT	Percent	MMT	Percent
COPRA								
World	5.45	4.67	5.44	5.44	0.00	0.00	0.77	16.40
Philippines	2.37	1.55	2.15	2.15	0.00	0.00	0.60	38.71
Indonesia	1.29	1.30	1.45	1.45	0.00	0.00	0.15	11.54
India	0.68	0.70	0.73	0.73	0.00	0.00	0.03	3.57
Mexico	0.20	0.21	0.20	0.20	0.00	0.00	-0.01	-4.25
Sri Lanka	0.07	0.07	0.07	0.07	0.00	0.00	0.00	0.00
Vietnam	0.21	0.20	0.20	0.20	0.00	0.00	0.00	0.00
Malaysia	0.01	0.02	0.02	0.02	0.00	0.00	0.00	0.00
Others	0.62	0.62	0.62	0.62	0.00	0.00	0.00	0.00
PALM KERNEL								
World	5.13	5.76	6.12	6.12	0.00	0.00	0.36	6.30
Malaysia	2.50	2.86	3.00	3.00	0.00	0.00	0.14	4.90
Indonesia	1.48	1.71	1.89	1.89	0.00	0.00	0.18	10.53
Nigeria	0.33	0.35	0.35	0.35	0.00	0.00	0.00	0.00
Cote d'Ivoire	0.07	0.07	0.07	0.07	0.00	0.00	0.00	4.23
Colombia	0.08	0.09	0.09	0.09	0.00	0.00	0.00	3.41
Thailand	0.11	0.09	0.12	0.12	0.00	0.00	0.02	25.00
Zaire	0.03	0.04	0.04	0.04	0.00	0.00	0.00	8.33
Ecuador	0.04	0.04	0.04	0.04	0.00	0.00	0.00	0.00
Others	0.49	0.51	0.52	0.52	0.00	0.00	0.01	2.15
PALM OIL								
World	17.07	19.32	20.60	20.60	0.00	0.00	1.28	6.62
Malaysia	8.51	9.75	10.20	10.20	0.00	0.00	0.45	4.62
Indonesia	5.00	5.80	6.40	6.40	0.00	0.00	0.60	10.34
Nigeria	0.65	0.76	0.80	0.80	0.00	0.00	0.04	5.26
Cote d'Ivoire	0.33	0.34	0.35	0.35	0.00	0.00	0.01	2.94
Colombia	0.42	0.47	0.48	0.48	0.00	0.00	0.01	3.23
Thailand	0.47	0.40	0.50	0.50	0.00	0.00	0.10	25.00
Zaire	0.13	0.14	0.15	0.15	0.00	0.00	0.01	7.41
Ecuador	0.23	0.23	0.23	0.23	0.00	0.00	0.00	0.00
Others	1.34	1.44	1.50	1.50	0.00	0.00	0.05	3.75

TABLE 18

Cotton Area, Yield, and Production

World and Selected Countries and Regions

Country/Region	Area				Yield				Production				Change in Production				
	Prel.		1999/00 Proj.		Prel.		1999/00 Proj.		Prel.		1999/00Proj.		From last month		From last year		
	1997/98	1998/99	Oct.	Nov.	1997/98	1998/99	Oct.	Nov.	1997/98	1998/99	Oct.	Nov.	MBales	Percent	MBales	Percent	
World	33.82	32.96	32.85	32.81		590	558	570	580	91.63	84.52	86.05	87.35	1.30	1.51	2.82	3.34
United States	5.43	4.32	5.43	5.43		754	701	659	663	18.79	13.92	16.43	16.53	0.10	0.61	2.61	18.75
Total Foreign	28.39	28.64	27.43	27.38		559	537	553	563	72.84	70.60	69.62	70.82	1.20	1.72	0.21	0.30
Major Exporters																	
China	15.86	15.54	14.97	14.94		712	691	718	732	51.85	49.29	49.38	50.22	0.84	1.70	0.92	1.88
Pakistan	4.49	4.46	3.90	3.90		1,023	1,011	1,061	1,061	21.10	20.70	19.00	19.00	0.00	0.00	-1.70	-8.21
Sudan	2.96	2.90	3.00	3.00		528	473	544	566	7.18	6.30	7.50	7.80	0.30	4.00	1.50	23.81
Turkey	0.27	0.15	0.23	0.23		329	363	319	363	0.40	0.25	0.33	0.38	0.04	13.64	0.13	50.00
FSU-12	0.72	0.76	0.73	0.73		1,101	1,107	1,171	1,171	3.65	3.85	3.90	3.90	0.00	0.00	0.05	1.30
Uzbekistan	2.47	2.50	2.47	2.47		626	575	608	661	7.11	6.60	6.88	7.48	0.60	8.72	0.88	13.33
Turkmenistan	1.48	1.49	1.50	1.50		768	674	697	755	5.23	4.60	4.80	5.20	0.40	8.33	0.60	13.04
Other	0.45	0.48	0.48	0.48		411	435	481	550	0.85	0.95	1.05	1.20	0.15	14.29	0.25	26.32
Egypt	0.54	0.54	0.49	0.49		416	423	458	480	1.03	1.05	1.03	1.08	0.05	4.85	0.03	2.86
African Franc Zone	0.37	0.28	0.28	0.28		892	816	851	851	1.53	1.05	1.08	1.08	0.00	0.00	0.03	2.38
Southern Hemisphere	2.24	2.35	2.38	2.38		420	376	389	381	4.32	4.05	4.24	4.16	-0.08	-1.89	0.11	2.72
Argentina	2.34	2.14	2.00	1.98		611	659	702	708	6.56	6.49	6.45	6.43	-0.03	-0.39	-0.07	-1.00
Australia	0.85	0.65	0.50	0.50		360	301	392	392	1.41	0.90	0.90	0.90	0.00	0.00	0.00	0.00
Brazil	0.44	0.55	0.45	0.45		1,521	1,260	1,500	1,500	3.06	3.20	3.10	3.10	0.00	0.00	-0.10	-3.13
Paraguay	0.85	0.80	0.85	0.85		447	572	538	538	1.75	2.10	2.10	2.10	0.00	0.00	0.00	0.00
	0.20	0.14	0.20	0.18		381	451	381	404	0.35	0.29	0.35	0.33	-0.03	-7.14	0.04	12.07
Major Importers	0.55	0.56	0.59	0.59		918	897	879	879	2.32	2.32	2.38	2.38	0.00	0.00	0.06	2.67
Other Foreign	11.98	12.54	11.87	11.85		339	330	327	335	18.67	18.99	17.86	18.22	0.36	2.02	-0.77	-4.07
India	8.90	9.30	8.70	8.70		302	300	308	318	12.34	12.80	12.30	12.70	0.40	3.25	-0.10	-0.78
Others	3.08	3.24	3.17	3.15		448	416	381	381	6.33	6.19	5.56	5.52	-0.04	-0.72	-0.67	-10.87

TABLE 19

The table below presents a 18-year record of the differences between the November projection and the final estimate. Using world wheat production as an example, changes between the November projection and the final estimate have averaged 5.4 million tons (1.0 percent) and ranged from -18.1 to 7.2 million tons. The November projection has been below the final 11 times and above the final 7 times.

RELIABILITY OF PRODUCTION PROJECTIONS

COMMODITY AND REGION	PROJECTION AND FINAL ESTIMATES, 1981/82 - 1998/99 1/					
	Difference		Lowest	Highest	Below	Above
	Average	Average	Difference		Final	Final
	Percent	---Million metric tons---			Number of years 2/	
WHEAT						
World	1.0	5.4	-18.1	7.2	11	7
U.S.	0.3	0.2	-1.2	0.5	9	7
Foreign	1.2	5.4	-18.2	7.4	11	7
COARSE GRAINS 3/						
World	1.0	8.1	-20.8	7.8	13	5
U.S.	1.1	2.4	-7.5	5.8	12	6
Foreign	1.3	7.5	-18.1	6.0	12	6
RICE (Milled)						
World	2.1	6.8	-16.8	1.6	17	1
U.S.	2.8	0.1	-0.3	0.2	9	8
Foreign	2.1	6.8	-16.9	1.7	17	1
SOYBEANS						
World	2.5	2.8	-7.0	3.6	10	8
U.S.	1.9	1.0	-2.7	2.1	6	12
Foreign	4.3	2.4	-7.9	3.4	11	7
			---Million 480-lb. bales---			
COTTON						
World	2.8	2.3	-6.5	5.8	12	6
U.S.	2.5	0.4	-0.8	0.9	10	7
Foreign	3.3	2.2	-6.8	5.6	10	8
UNITED STATES			-----Million bushels-----			
CORN	1.1	81	-250	159	11	6
SORGHUM	2.4	17	-53	52	9	9
BARLEY	1.4	6	-12	24	7	8
OATS	1.0	4	-18	16	6	6

1/ The final estimate for 1981/82-1997/98 is defined as the first November estimate following the marketing year.

2/ May not total 18 if projection was the same as the final.

3/ Includes corn, sorghum, barley, oats, rye, millet, and mixed grain.

WORLD AGRICULTURAL WEATHER HIGHLIGHTS

November 10, 1999

1 - UNITED STATES

In October, dry weather reduced soil moisture on the Plains, hampering winter wheat establishment. Meanwhile in the interior Northwest, a late-month storm system provided much-needed moisture for dryland winter wheat and eased the 8-month drought. In the Ohio Valley, widespread early-month rainfall eased the 15-month drought and promoted winter wheat emergence, although drier weather returned after mid-October. Occasional showers improved soil moisture in the Southeast. At mid-month, Hurricane Irene crossed southeastern Florida, producing widespread flooding and strong winds that adversely affected vegetables. Although Irene remained offshore thereafter, heavy rain in the eastern Mid-Atlantic region disrupted flood-recovery efforts. Mild, often dry weather promoted rapid summer crop harvesting in the Plains and Midwest.

2 - SOUTH AMERICA

In Cordoba and Santa Fe, Argentina, widespread late-month rainfall eased dryness for reproductive winter wheat and summer crop planting, but possibly caused flooding in Cordoba. Consistent October rainfall benefited wheat in Buenos Aires. In southern Brazil, late-month widespread rainfall also boosted soil moisture after inconsistent rainfall earlier in October. In southwestern Minas Gerais and northeastern Sao Paulo, below-normal October rainfall reduced moisture for coffee flowering.

3 - EUROPE

In October, near-normal rainfall and temperatures favored germinating to emerging winter grains, while periods of dry weather helped summer crop harvesting. Periods of heavy rain slowed corn, cotton, and rice harvesting in the Iberian peninsula, but improved soil moisture conditions for winter grain planting. In eastern and extreme northern Europe, near- to below- normal precipitation helped summer crop harvesting, but decreased topsoil moisture needed for winter grain development.

4 - FSU-WESTERN

Rain in southern Russia and eastern Ukraine eased prolonged dryness, improving prospects for winter wheat germination and establishment. Unfavorable dryness continued in south-central Ukraine, hindering winter wheat germination and establishment. Winter grains in northern Russia began entering dormancy in early November, about 2 weeks later than usual.



USDA/OCE - World Agricultural Outlook Board
Joint Agricultural Weather Facility

(More details are available in the *Weekly Weather and Crop Bulletin*.
Subscription information may be obtained by calling (202) 720-7917.)

7 - EASTERN ASIA

Above-normal October rainfall boosted topsoil moisture for winter wheat planting and germination across the North China Plain. Across the Yangtze Valley, this above-normal rainfall also slowed single-crop rice harvesting but favored immature late double-crop rice. In Manchuria, seasonably cooler, drier weather favored summer crop harvesting. Above-normal rainfall slowed rice harvesting in South Korea and northern Japan.

8 - SOUTHEAST ASIA

Above-normal October rainfall slowed rice harvesting across northern Vietnam, the northern Philippines, and portions of Thailand. In Java, Indonesia, near- to above-normal rainfall increased moisture supplies for main-season rice transplanting. Near-normal October rainfall maintained supplies for oil palm in peninsular Malaysia.

9 - SOUTH AFRICA

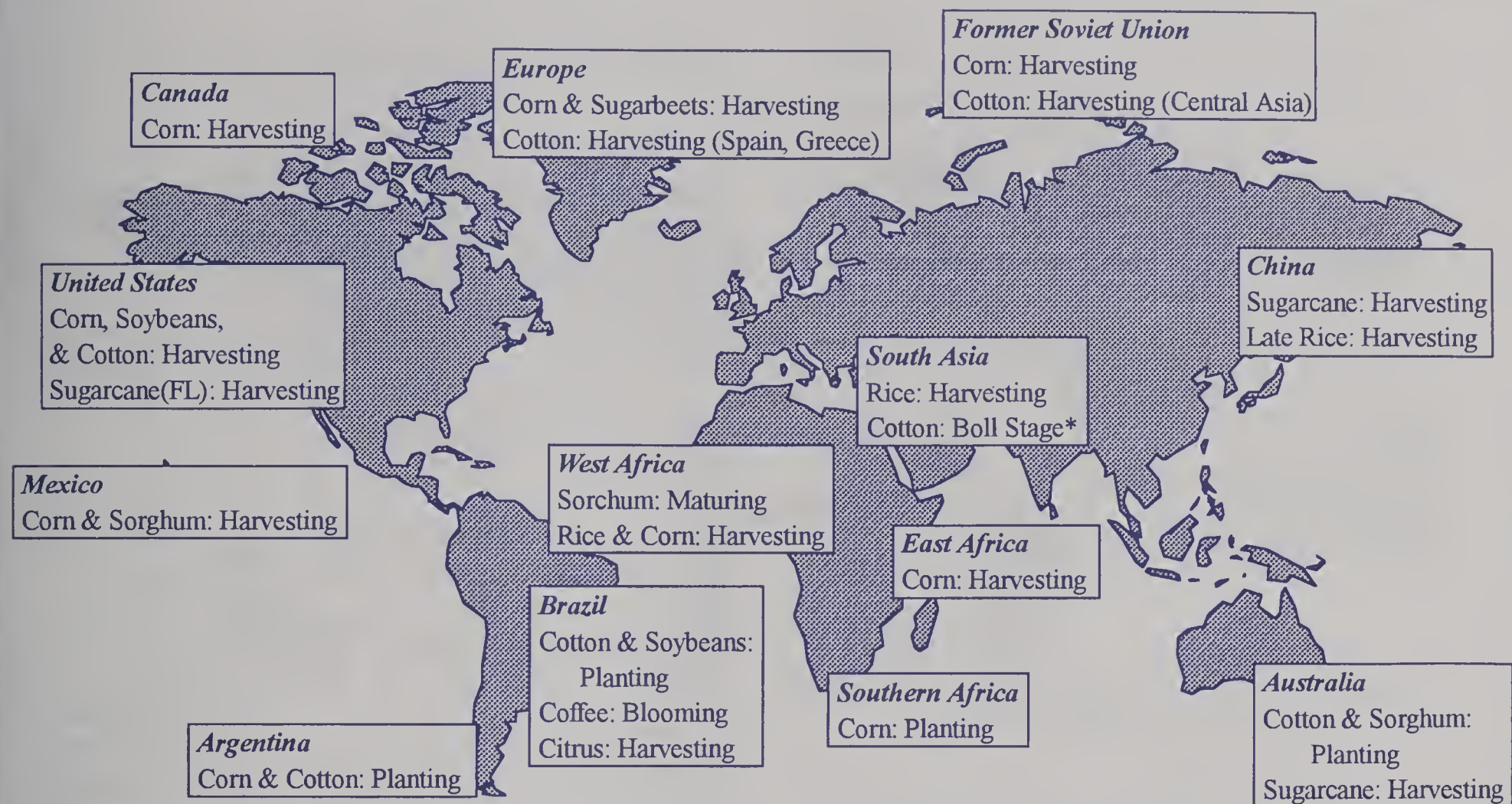
In mid-October, widespread rain covered the corn belt, helping to condition topsoils for summer crop planting. The moisture also benefited flowering wheat. Since then, dry, warm weather has reduced soil moisture for germination while hastening wheat maturity. In Western Cape, conditions have been favorable for wheat harvesting but irrigation demands have increased in vineyards and orchards.

10 - AUSTRALIA

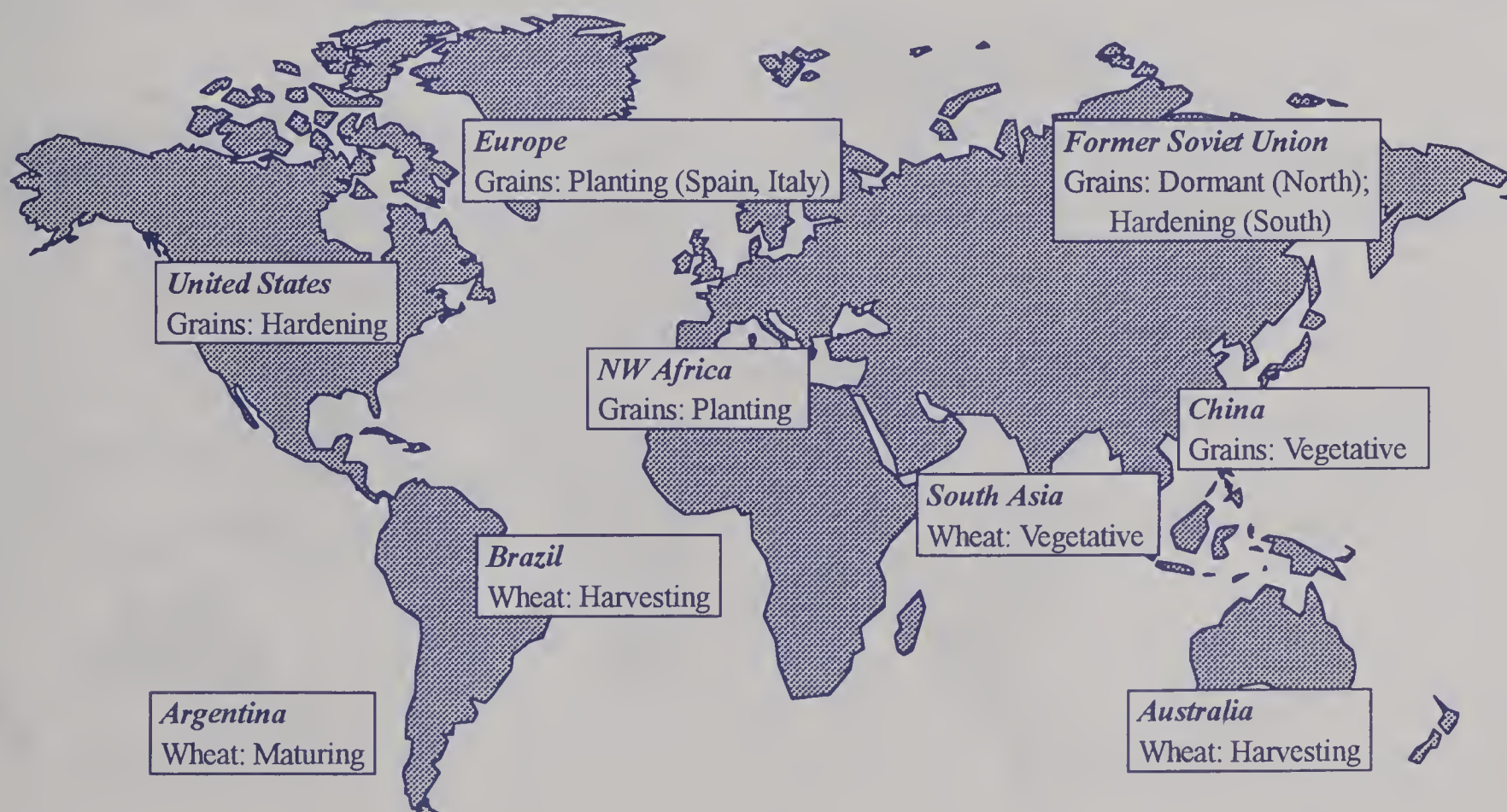
Winter grain harvesting is underway in most areas. Wet weather over the past few weeks has raised concern for crop quality in Queensland and northern New South Wales although the moisture was beneficial for cotton and sorghum. A drying trend in the southeast has reduced moisture reserves for immature wheat and barley.

November Normal Crop Calendar

Summer crops



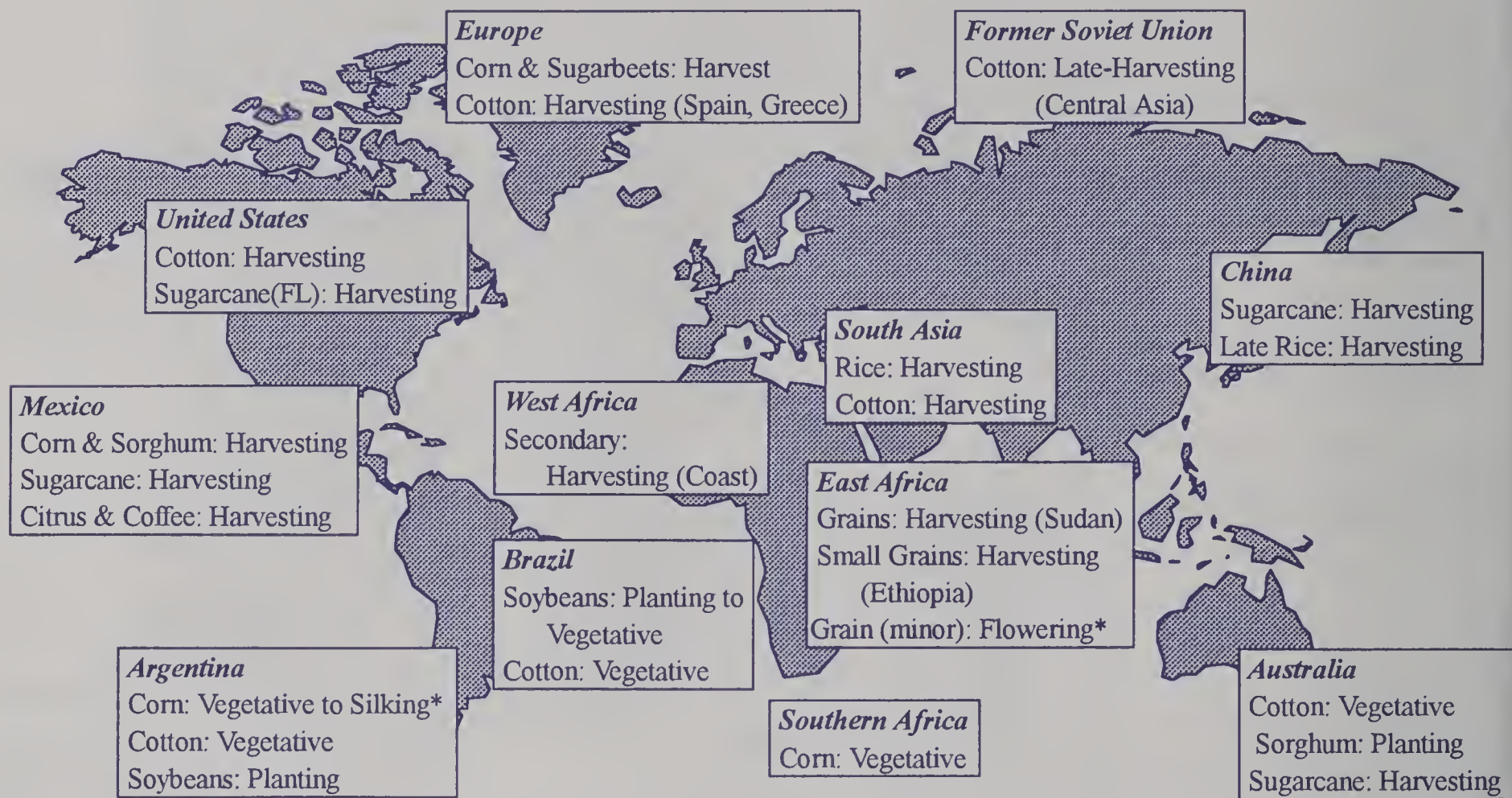
Winter crops



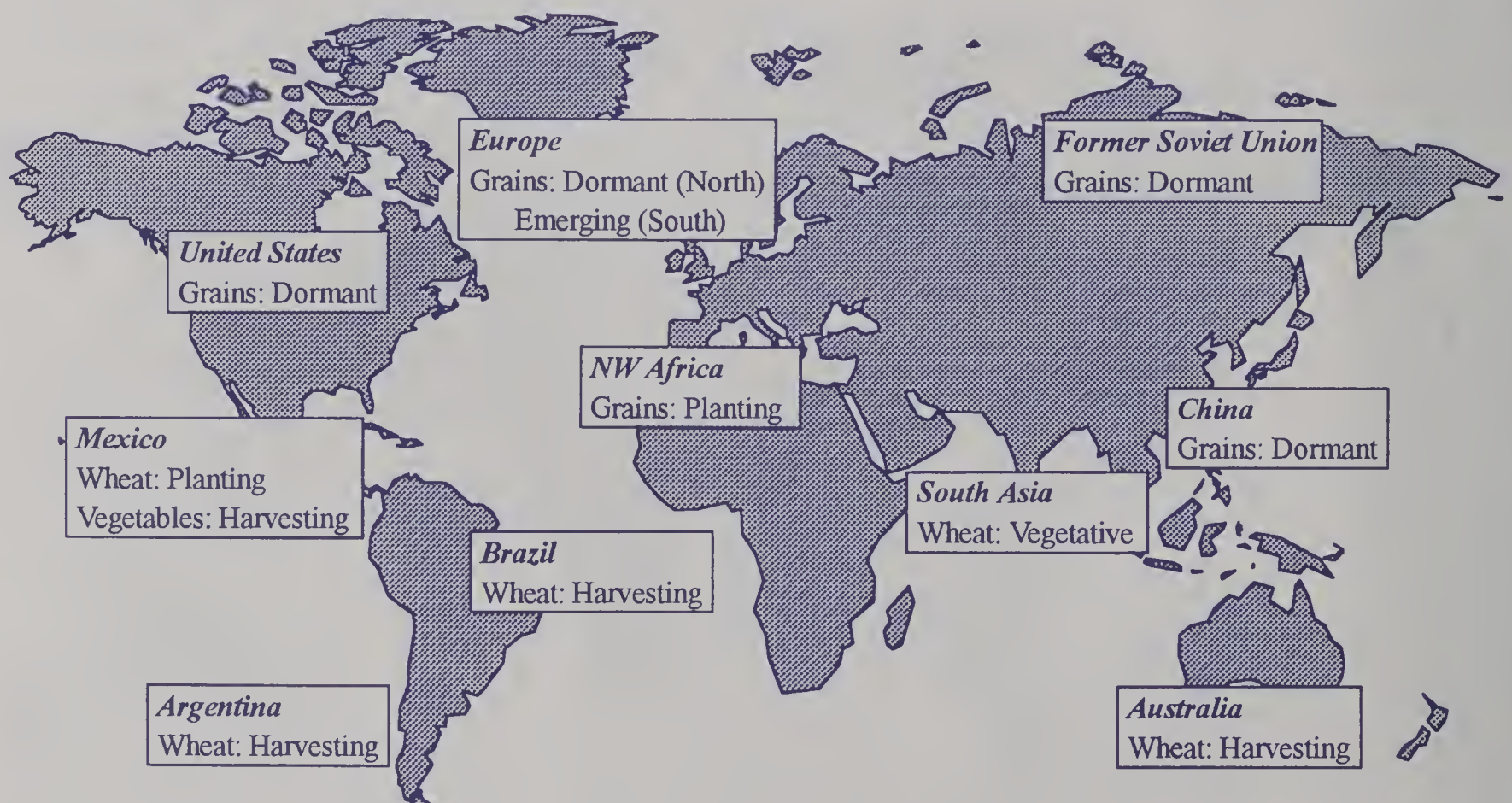
* Moisture / Temperature Sensitive Stage of Development

December Normal Crop Calendar

Summer crops



Winter crops



* Moisture / Temperature Sensitive Stage of Development

WEATHER BRIEFS

Argentina: Timely Showers Benefit Wheat Conditions and Favor Summer Crop Planting

During the first half of October 1999, rainfall was light, at best, in Argentina's primary wheat and summer crops growing areas. Soil moisture was on the low side of adequate across most areas. However, during the second half of October, rainfall was more widespread and frequent. During October 17 - 23, light rain fell in southern Buenos Aires, benefitting reproductive winter wheat. During October 24 - November 1, moderate showers fell across most of central and northern Argentina's major growing areas. This rainfall benefitted reproductive wheat and provided much needed moisture for germinating corn and sunflower. Heavier showers fell in Cordoba and northeastern La Pampa causing localized flooding, delays in sowing of summer crops, and possible damage to maturing wheat. In the more northern soybean and cotton growing areas rainfall was lighter, but beneficially increased topsoil moisture.

Australia: Well Placed Rains Benefit Winter Grains

During October 1999, well-timed showers and generally mild temperatures benefitted winter grains as they advanced from the vegetative to the reproductive stages. October rainfall was particularly beneficial to the winter grain growing areas of South Australia and western Victoria that have been drier than normal for

most of the season. While rainfall amounts were too light to recharge low moisture sub-surface soils, frequency of rain and mild temperatures did much to improve crop conditions. To the east, heavier showers may have hampered winter crop harvesting in New South Wales and southern Queensland, but provided moisture for summer crops like sorghum and cotton. In Western Australia, early month rainfall provided beneficial moisture for immature winter grains. In this area, mild and even below-normal temperatures for October helped maintain favorable winter grain conditions, but may have also slowed crop development.

Southern Brazil: Frequent Rain Improves Early Summer Crop Prospects

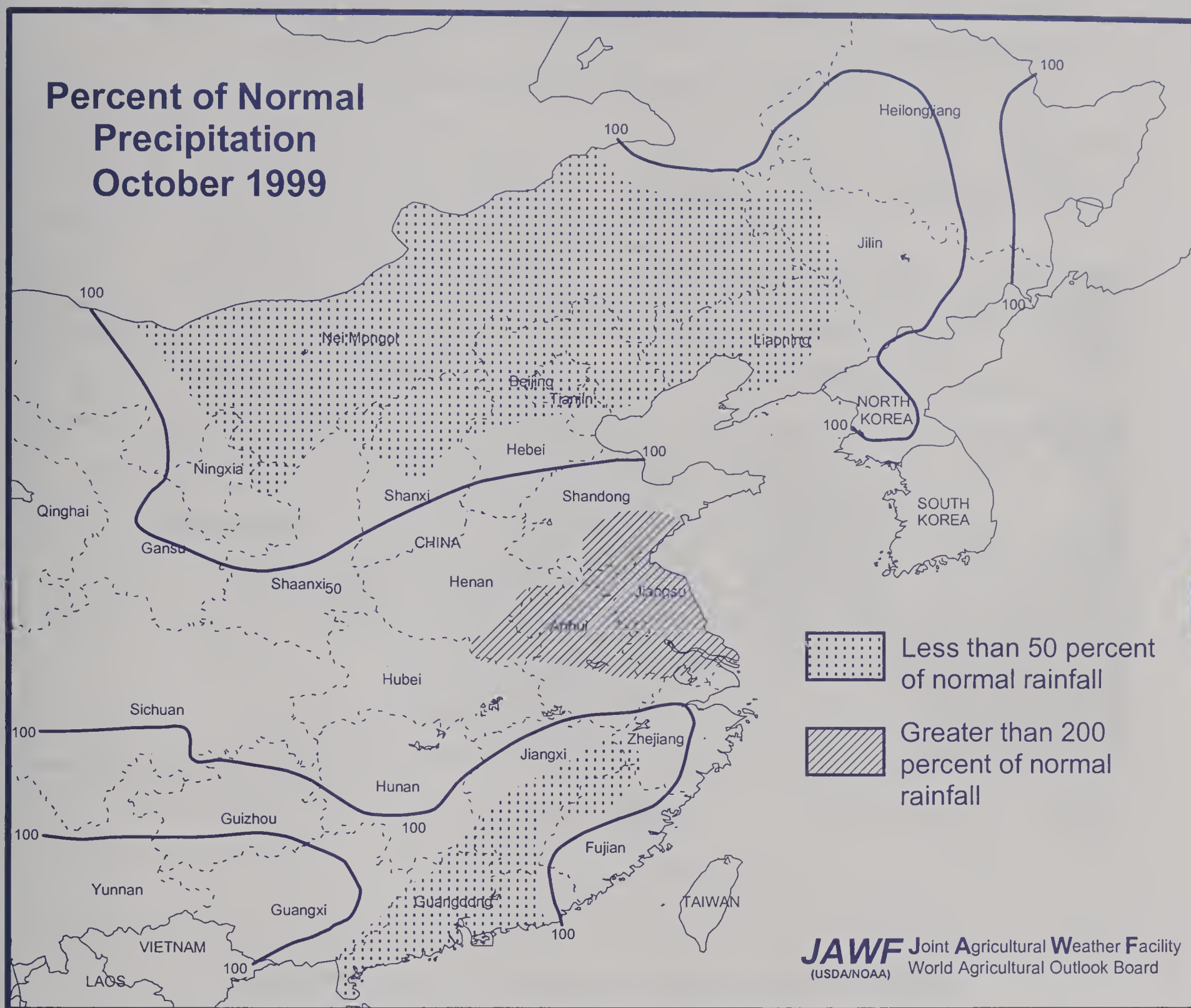
At the beginning of October 1999, low soil moisture was a concern for summer crop establishment, wheat and coffee conditions in southern Brazil. However, rainfall during October improved crop prospects. During the first half of October, rainfall was frequent and heavy from Rio Grande do Sul, north to Parana. In contrast Minas Gerais, Mato Grosso, Mato Grosso do Sul, and Sao Paulo were unfavorably dry. However, during October 17 - 30, frequent moderate showers boosted topsoil moisture for soybean planting and benefitted flowering coffee in these south-central states. Light-to-moderate showers continued to maintain favorable soil moisture levels in Rio Grande do Sul.

Western FSU: Ukraine Too Dry For Good
Winter Grain Establishment

The Western FSU winter grains areas of southern Russia and the southern and eastern Ukraine were too dry at the beginning of October 1999 for favorable crop establishment. Rainfall during that month remained meager in the Ukraine, but was frequent and favorable in southern Russia (North Caucasus, the lower Volga Valley, and

the southern Central Black Soils Region). Frequent rainfall from October 10 - 25 was particularly beneficial for winter grain in southern Russia. In the Ukraine, some rain fell during the week of October 10 -16, providing temporary improvement, but soil moisture remains too low for good winter grain establishment in south-central Ukraine. Winter grains typically enter dormancy by mid-November in the southern growing areas.

CHINA



WEATHER AND CROP HIGHLIGHTS

NOVEMBER 10, 1999

- Above-normal October rainfall boosted topsoil moisture for winter wheat planting and germination across the North China Plain. In Manchuria, seasonably cooler, drier weather favored summer crop harvesting.
- Across the Yangtze Valley, above-normal rainfall also slowed single-crop rice harvesting but favored immature late double-crop rice.

FORMER USSR - WINTER WHEAT

Normal Dates For The End Of The Vegetative Period For Winter Wheat *



WEATHER AND CROP HIGHLIGHTS

November 10, 1999

- o Much-needed rain fell in chronically dry areas of southern Russia and extreme eastern Ukraine from October 10-20, improving prospects for winter wheat germination and establishment.
- o Drought persisted in south-central Ukraine, hindering winter wheat emergence and establishment.
- o Recently, unseasonably cold weather pushed southward over the region, inducing dormancy in winter wheat in northern Russia about 2 weeks later than usual, and slowing or halting vegetative growth in Ukraine and southern Russia.

FEATURE COMMODITY ARTICLES

Central and East African Grain Production

Total grain production in Central and East Africa for 1999/2000 is estimated at 24.8 million tons, down from 26.3 million in 1998/99. Harvested area is estimated at 25.8 million hectares, down marginally from last season. Central and East Africa for the purpose of this article, include the following countries: Burundi, Cameroon, Central African Republic, Democratic Republic of the Congo (Zaire), Ethiopia, Kenya, Rwanda, Somalia, Sudan, Tanzania, and Uganda.

For 1999/2000, grain production in most Central and East African countries is lower than last year, but still near the 5-year average. The principle reasons for the decline in output are erratic weather, civil strife, pests, and reduced use of inputs. However, in Cameroon, Burundi, Uganda, and the Central African Republic production is either similar to or slightly higher than in 1998/99.

Burundi: In Burundi, total grain production for 1999/2000 is estimated at 0.2 million tons, virtually the same as the previous year. Harvested area is estimated at 0.2 million hectares, unchanged from last year. The main grain crops produced are corn and sorghum estimated at 140,000 tons and 70,000 tons, respectively. Irregular rainfall caused yields to fall below average.

Cameroon: Total grain production in Cameroon for 1999/2000 is estimated at 1.2 million tons, up slightly from 1998/99. Harvested area is estimated at 0.9 million hectares, marginally higher than last season. The main grain crops produced are corn and millet estimated at 0.7 million and 0.5 million tons, respectively. During July and August, rainfall was widespread and normal to above normal, favoring crop prospects. However, in

August an infestation of pests reportedly had caused damage to the grain crops in the north, but a bumper crop is still expected.

Central African Republic: In the Central African Republic, total grain production for 1999/2000 is estimated at 120,000 tons, unchanged from last year. Harvested area is also estimated unchanged from the previous year. The main grain crops produced are corn and millet estimated at 80,000 tons and 40,000 tons, respectively. Rainfall started slow, but became widespread and normal to above normal. Harvest prospects are favorable.

Democratic Republic of the Congo (Zaire): In the Democratic Republic of the Congo, total grain production for 1999/2000 is estimated at 1.4 million tons, down 0.2 million from 1998/99. Harvested area is estimated at 2.0 million hectares, nearly unchanged from last year. The main grain crops produced are corn and rice estimated at 1.1 million and 0.3 million tons, respectively. Rainfall was above average in the north and central regions; however, civil strife until late August, mitigated crop prospects.

Ethiopia: Total grain production in Ethiopia is estimated at 8.0 million tons, down from 8.4 million in 1998/99. Harvested area is estimated at 6.6 million hectares, unchanged from last year. The main grain crops of corn, sorghum, barley, and wheat are estimated at 3.0 million, 1.7 million, 1.5 million, and 1.4 million tons, respectively. The climate in the northern coastal areas and lowlands in the south and east are from semi-arid to arid, while the highlands are rainy with mild winters. The main crop season is called the Mehr and accounts for over 90 percent of total grain, with crops planted from May - December.

The second season is called the Belg and covers the February - June time period. For the Mehr crops, land preparation and planting were delayed due to inadequate rains. Abundant rainfall from July into mid-August benefitted the crops, but an early withdrawal reduced yield prospects.

Kenya: In Kenya, total grain production for 1999/2000 is estimated at 2.7 million tons, down 0.3 million from 1998/99. Harvested area is estimated at 2.1 million hectares, virtually unchanged from the previous year. The main grain crops produced: corn, wheat, and sorghum are estimated at 2.1 million, 0.3 million, and 0.1 million tons, respectively. The climate in Kenya is considered semi-arid to arid in the north-east; and in the mountainous central and south-western areas there are two rainy seasons : the long rains (March - June) and the short rains (November - January). The main season crops during the long rains have been affected by erratic rains, an inadequate supply of agricultural inputs, and pests infestation in parts. The main season corn, representing 80 percent of total annual production, has been negatively affected.

Rwanda: Total grain production in Rwanda for 1999/2000 is estimated at 194,000, down slightly from 1998/99. Harvested area is estimated unchanged from last year. The main grain crops produced, corn and sorghum are estimated at 70,000 tons and 120,000 tons, respectively. Land preparations for planting was completed under seasonally dry weather, but was constrained by an early cessation of rains. Also, production is hampered due to the displacement and reallocation of people, since not all the population had access to land.

Somalia: In Somalia, total grain production for 1999/2000 is estimated at 0.2 million tons, down 20 percent from 1998/99. Harvested area is estimated at 0.6 million hectares, unchanged from 1998/99. The main grain

crops produced, corn and sorghum, are estimated at 110,000 tons and 90,000 tons, respectively. The main 1999 Gu season (March - June) crop prospects are poor due to erratic rains, pest infestations, and renewed civil strife in the south. The Gu grain production accounts for 75 to 80 percent of annual production, normally. The Deyr season (November - January) has just started with peak rainfall in November.

Sudan: Total grain production in Sudan for 1999/2000 is estimated at 5.3 million tons, down from 5.7 million last year. Harvested area is estimated at 8.7 million hectares, down slightly from 1998/99. The main grain crops produced are sorghum, millet, and wheat estimated at 4.3 million, 0.8 million, and 0.2 million tons, respectively. The rainy season is from March - October. Wheat is planted and harvested from November - March and production is down sharply due to late sowing, less area, and high temperatures. Corn is planted and harvested in the south from April - September. Millet and sorghum are planted and harvested in both the north and south: from June - December in the north and from April-September in the south. Abundant rains in northern and central parts of the country caused severe flooding which hampered grain production. In southern Sudan, abundant rains favored crop conditions, but in parts of Eastern Equatoria, partial crop failures were reported. Coarse grain output is estimated to be similar to last year.

Tanzania: In Tanzania, total grain production is estimated at 3.7 million tons, down 0.2 million from 1998/99. Harvested area is estimated at 3.3 million hectares, unchanged from the previous year. The main grain crops produced are corn, rice, sorghum, and millet estimated at 2.5 million, 0.6 million, 0.4 million, and 0.2 million tons, respectively. The climate in the country is considered tropical wet-dry with two rainy seasons. Farmers plant in March with the arrival of the

“long rains,” and harvest beginning in July/August. About 70 percent of total corn is produced during this period. A second crop is planted in October/November with the arrival of the “short rains,” and harvested in February/March. The short rains are more unpredictable (dry spells, late arrival, etc), making the second season production fluctuate widely. For the 1999/2000 main season, the harvest is complete. Production is estimated lower due to erratic rains, reduced use of inputs, and an outbreak of pests.

Uganda: Total grain production in Uganda for 1999/2000 is estimated at 1.7 million tons, unchanged from 1998/99. Harvested area in 1999/2000 is estimated at 1.3 million hectares, the same as 1998/99. The main grain crops produced are corn, millet, and sorghum

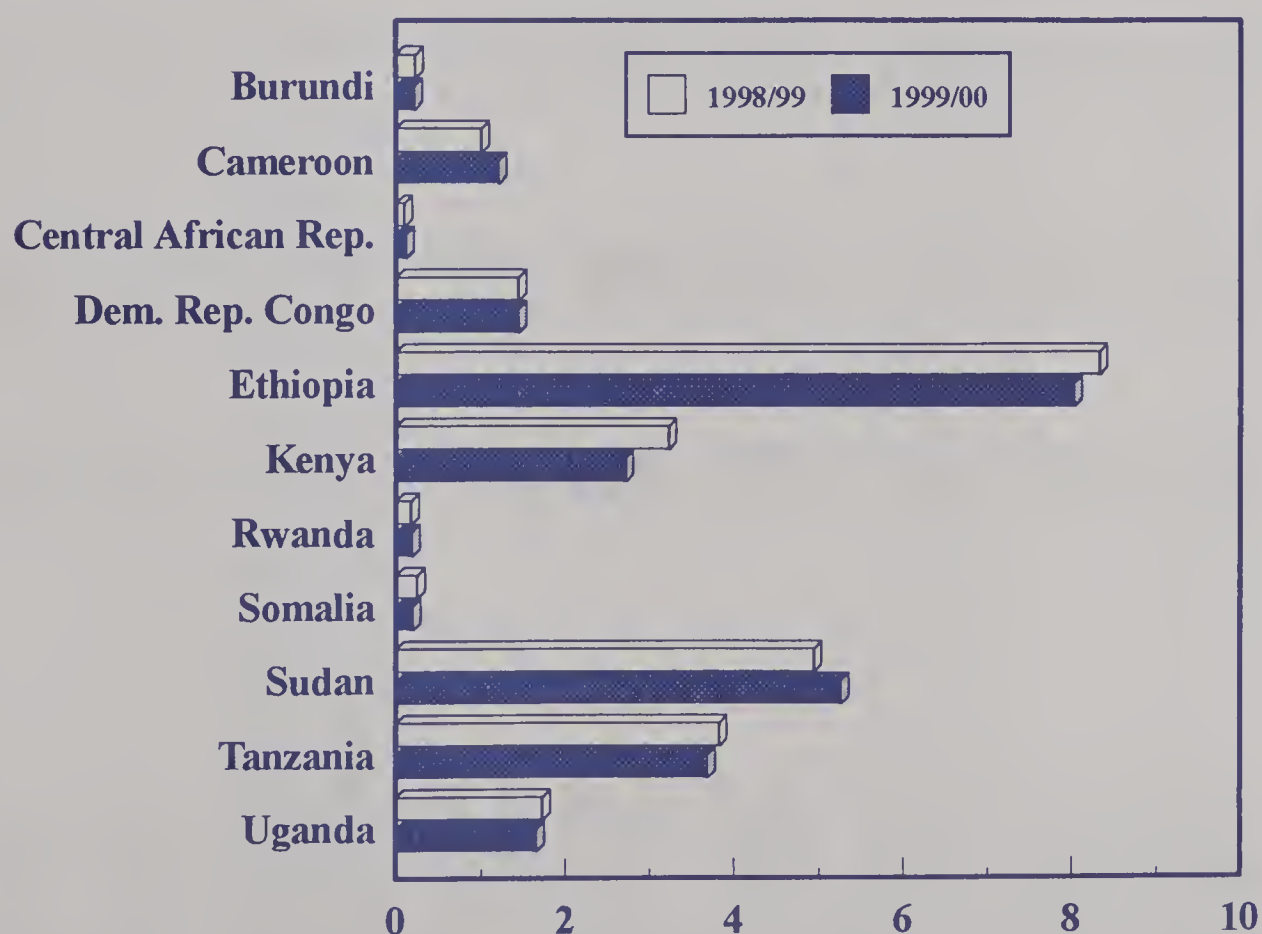
estimated at 0.8 million, 0.6 million, and 0.4 million tons, respectively. The harvesting of the 1999 main season is complete. Output in the central and eastern parts are reported normal; however the western and southwestern regions suffered from a prolonged drought.

Theresa Wright, Regional Analyst

Phone: (202) 720-8887

E:mail: wrightt@fas.usda.gov

Central and East Africa Grain Production Million Metric Tons



CENTRAL AND EAST AFRICA: AREA, YIELD, AND PRODUCTION

	1990/91	1991/92	1992/93	1993/94	1994/95	1995/96	1996/97	1997/98	1998/99	1999/00
Burundi										
Corn										
AREA (1,000 Ha)	175	180	124	120	100	120	110	115	115	115
YIELD (Mt/Ha)	1.09	1.06	1.44	1.42	1.25	1.25	1.32	1.26	1.17	1.22
PROD (1,000 Mt)	190	190	178	170	125	150	145	145	135	140
Millet										
AREA (1,000 Ha)	50	50	13	13	10	10	10	10	10	10
YIELD (Mt/Ha)	0.90	0.90	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PROD (1,000 Mt)	45	45	13	13	10	10	10	10	10	10
Sorghum										
AREA (1,000 Ha)	60	60	58	58	45	50	50	55	55	55
YIELD (Mt/Ha)	2.08	2.50	1.16	1.14	1.11	1.30	1.30	1.27	1.27	1.27
PROD (1,000 Mt)	125	150	67	66	50	65	65	70	70	70
Total Grains										
AREA (1,000 Ha)	285	290	195	191	155	180	170	180	180	180
YIELD (Mt/Ha)	1.26	1.33	1.32	1.30	1.19	1.25	1.29	1.25	1.19	1.22
PROD (1,000 Mt)	360	385	258	249	185	225	220	225	215	220
Cameroon										
Corn										
AREA (1,000 Ha)	434	452	380	450	450	400	375	300	300	325
YIELD (Mt/Ha)	0.96	1.10	1.13	0.96	0.96	1.63	2.00	2.00	2.00	2.00
PROD (1,000 Mt)	418	495	430	430	430	650	750	600	600	650
Millet										
AREA (1,000 Ha)	450	473	455	455	455	460	470	470	500	500
YIELD (Mt/Ha)	0.76	0.82	0.84	0.86	0.88	0.92	0.90	0.85	1.00	1.00
PROD (1,000 Mt)	342	389	380	390	400	425	425	400	500	500
Rice, Milled										
AREA (1,000 Ha)	35	35	35	35	35	40	40	40	40	40
YIELD (Mt/Ha)	1.89	1.89	1.66	1.66	1.77	1.63	1.63	1.63	1.38	1.63
PROD (1,000 Mt)	66	66	58	58	62	65	65	65	55	65
Total Grains										
AREA (1,000 Ha)	919	960	870	940	940	900	885	810	840	865
YIELD (Mt/Ha)	0.90	0.99	1.00	0.93	0.95	1.27	1.40	1.31	1.38	1.40
PROD (1,000 Mt)	826	950	868	878	892	1,140	1,240	1,065	1,155	1,215

CENTRAL AND EAST AFRICA: AREA, YIELD, AND PRODUCTION										
	1990/91	1991/92	1992/93	1993/94	1994/95	1995/96	1996/97	1997/98	1998/99	1999/00
Central Afr. Rep.										
Corn										
AREA (1,000 Ha)	128	132	65	70	70	80	90	90	90	90
YIELD (Mt/Ha)	0.50	0.50	0.92	0.83	0.86	0.88	0.83	0.89	0.89	0.89
PROD (1,000 Mt)	64	66	60	58	60	70	75	80	80	80
Millet										
AREA (1,000 Ha)	89	92	50	50	50	50	50	60	55	55
YIELD (Mt/Ha)	0.66	0.68	0.66	0.70	0.50	0.70	0.70	0.67	0.73	0.73
PROD (1,000 Mt)	59	63	33	35	25	35	35	40	40	40
Total Grains										
AREA (1,000 Ha)	217	224	115	120	120	130	140	150	145	145
YIELD (Mt/Ha)	0.57	0.58	0.81	0.78	0.71	0.81	0.79	0.80	0.83	0.83
PROD (1,000 Mt)	123	129	93	93	85	105	110	120	120	120
Ethiopia										
Barley										
AREA (1,000 Ha)	950	900	925	950	1250	1150	1450	1500	1500	1500
YIELD (Mt/Ha)	1.25	1.20	1.41	1.05	1.10	1.26	1.10	1.00	1.00	1.00
PROD (1,000 Mt)	1,188	1,080	1,300	1,000	1,375	1,450	1,600	1,500	1,500	1,500
Corn										
AREA (1,000 Ha)	1,150	1,050	1,050	1,000	1,550	1,500	1,950	1,750	1,900	1,900
YIELD (Mt/Ha)	1.74	1.70	1.57	1.70	1.42	1.87	1.64	1.71	1.74	1.58
PROD (1,000 Mt)	2,000	1,785	1,650	1,700	2,200	2,800	3,200	3,000	3,300	3,000
Millet										
AREA (1,000 Ha)	180	230	230	260	225	325	425	375	450	450
YIELD (Mt/Ha)	0.74	0.83	1.09	1.08	1.00	0.85	0.94	0.80	0.98	0.94
PROD (1,000 Mt)	133	190	250	280	225	275	400	300	440	425
Sorghum										
AREA (1,000 Ha)	870	950	925	925	1,250	1,300	1,400	1,500	1,600	1,600
YIELD (Mt/Ha)	1.13	1.05	1.41	1.24	1.00	1.31	1.32	1.33	1.06	1.06
PROD (1,000 Mt)	984	1,000	1,300	1,150	1,250	1,700	1,850	2,000	1,700	1,700
Wheat										
AREA (1,000 Ha)	660	725	725	752	900	1,100	1,100	1,100	1,100	1,100
YIELD (Mt/Ha)	1.24	1.23	1.24	1.20	1.44	1.50	1.09	1.00	1.32	1.27
PROD (1,000 Mt)	816	890	900	900	1,300	1,650	1,200	1,100	1,450	1,400
Total Grains										
AREA (1,000 Ha)	3,810	3,855	3,855	3,887	5,175	5,375	6,325	6,225	6,550	6,550
YIELD (Mt/Ha)	1.34	1.28	1.40	1.29	1.23	1.47	1.30	1.27	1.28	1.23
PROD (1,000 Mt)	5,121	4,945	5,400	5,030	6,350	7,875	8,250	7,900	8,390	8,025

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Production Estimates and Crop Assessment Division, FAS, USDA

CENTRAL AND EAST AFRICA: AREA, YIELD, AND PRODUCTION

	1990/91	1991/92	1992/93	1993/94	1994/95	1995/96	1996/97	1997/98	1998/99	1999/00
Kenya										
Barley										
AREA (1,000 Ha)	85	85	85	85	85	85	85	85	85	70
YIELD (Mt/Ha)	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.07
PROD (1,000 Mt)	90	90	90	90	90	90	90	90	90	75
Corn										
AREA (1,000 Ha)	1,775	1,725	1,750	1,740	1,740	1,750	1,500	1,575	1,600	1,600
YIELD (Mt/Ha)	1.24	1.45	1.46	1.71	1.71	1.49	1.44	1.43	1.50	1.31
PROD (1,000 Mt)	2,200	2,500	2,561	1,755	2,970	2,600	2,160	2,250	2,400	2,100
Millet										
AREA (1,000 Ha)	85	85	125	85	100	90	90	100	100	100
YIELD (Mt/Ha)	0.82	0.76	0.56	0.82	0.75	0.78	0.67	0.70	0.70	0.70
PROD (1,000 Mt)	70	65	70	70	75	70	60	70	70	70
Rice, Milled										
AREA (1,000 Ha)	13	13	13	10	20	15	15	15	15	15
YIELD (Mt/Ha)	2.08	2.15	2.23	2.00	1.75	2.00	2.00	2.00	2.00	2.00
PROD (1,000 Mt)	27	28	29	20	35	30	30	30	30	30
Sorghum										
AREA (1,000 Ha)	150	150	150	150	160	150	150	150	150	150
YIELD (Mt/Ha)	0.93	0.87	0.90	0.90	0.94	0.93	1.00	0.93	0.93	0.93
PROD (1,000 Mt)	140	130	135	135	150	140	150	140	140	140
Wheat										
AREA (1,000 Ha)	102	105	100	100	120	130	140	150	145	145
YIELD (Mt/Ha)	1.92	2.10	2.00	1.50	1.95	2.28	2.06	2.33	2.07	2.07
PROD (1,000 Mt)	196	220	200	150	234	297	288	350	300	300
Total Grains										
AREA (1,000 Ha)	2,210	2,163	2,223	2,170	2,225	2,220	1,980	2,075	2,095	2,080
YIELD (Mt/Ha)	1.23	1.40	1.39	1.02	1.60	1.45	1.40	1.41	1.45	1.31
PROD (1,000 Mt)	2,723	3,033	3,085	2,220	3,554	3,227	2,778	2,930	3,030	2,715
Rwanda										
Corn										
AREA (1,000 Ha)	90	90	80	50	40	50	60	70	75	75
YIELD (Mt/Ha)	1.22	1.00	1.36	1.48	1.50	1.50	1.17	1.14	1.07	0.93
PROD (1,000 Mt)	110	90	109	74	60	75	70	80	80	70
Millet										
AREA (1,000 Ha)	5	5	5	5	5	5	5	5	5	5
YIELD (Mt/Ha)	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
PROD (1,000 Mt)	4	4	4	4	4	4	4	4	4	4
Sorghum										
AREA (1,000 Ha)	140	160	150	100	80	75	75	95	100	100
YIELD (Mt/Ha)	1.11	1.00	1.03	1.10	1.06	1.00	1.33	1.37	1.30	1.20
PROD (1,000 Mt)	155	160	154	110	85	75	100	130	130	120
Total Grains										
AREA (1,000 Ha)	235	255	235	155	125	130	140	170	180	180
YIELD (Mt/Ha)	1.14	1.00	1.14	1.21	1.19	1.18	1.24	1.26	1.19	1.08
PROD (1,000 Mt)	269	254	267	188	149	154	174	214	214	194

CENTRAL AND EAST AFRICA: AREA, YIELD, AND PRODUCTION										
	1990/91	1991/92	1992/93	1993/94	1994/95	1995/96	1996/97	1997/98	1998/99	1999/00
Somalia										
Corn										
AREA (1,000 Ha)	200	125	100	80	100	150	200	250	200	200
YIELD (Mt/Ha)	1.10	1.00	1.00	0.99	1.00	1.00	0.80	0.60	0.63	0.55
PROD (1,000 Mt)	220	125	100	79	100	150	160	150	125	110
Rice, Milled										
AREA (1,000 Ha)	5	5	4	2	2	2	2	3	2	3
YIELD (Mt/Ha)	1.40	1.40	2.50	1.50	1.50	1.50	1.50	1.67	2.00	1.33
PROD (1,000 Mt)	7	7	10	3	3	3	3	5	4	4
Sorghum										
AREA (1,000 Ha)	480	250	300	280	300	400	450	500	400	400
YIELD (Mt/Ha)	0.52	0.50	0.31	0.29	0.42	0.35	0.33	0.33	0.31	0.23
PROD (1,000 Mt)	250	125	92	80	125	140	150	165	125	90
Total Grains										
AREA (1,000 Ha)	685	380	404	362	402	552	652	753	602	603
YIELD (Mt/Ha)	0.70	0.68	0.50	0.45	0.57	0.53	0.48	0.42	0.42	0.34
PROD (1,000 Mt)	477	257	202	162	228	293	313	320	254	204
Sudan										
Millet										
AREA (1,000 Ha)	950	1,150	1,250	1,000	2,500	2,400	1,800	2,300	2,500	2,500
YIELD (Mt/Ha)	0.12	0.25	0.30	0.23	0.39	0.17	0.25	0.28	0.32	0.32
PROD (1,000 Mt)	112	290	375	230	970	400	450	650	800	800
Rice, Milled										
AREA (1,000 Ha)	7	7	7	7	7	7	7	7	7	7
YIELD (Mt/Ha)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PROD (1,000 Mt)	7	7	7	7	7	7	7	7	7	7
Sorghum										
AREA (1,000 Ha)	3,000	4,200	6,200	4,700	6,400	5,000	6,600	5,700	6,000	6,000
YIELD (Mt/Ha)	0.50	0.80	0.65	0.51	0.58	0.49	0.64	0.56	0.72	0.72
PROD (1,000 Mt)	1,500	3,360	4,050	2,400	3,700	2,450	4,200	3,200	4,300	4,300
Wheat										
AREA (1,000 Ha)	350	300	300	328	357	280	315	330	275	160
YIELD (Mt/Ha)	1.43	2.77	2.92	1.37	1.33	1.61	1.75	1.97	2.18	1.03
PROD (1,000 Mt)	500	831	875	450	475	450	550	650	600	165
Total Grains										
AREA (1,000 Ha)	4,307	5,657	7,757	6,035	9,264	7,687	8,722	8,337	8,782	8,667
YIELD (Mt/Ha)	0.49	0.79	0.68	0.51	0.56	0.43	0.60	0.54	0.65	0.61
PROD (1,000 Mt)	2,119	4,488	5,307	3,087	5,152	3,307	5,207	4,507	5,707	5,272

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CENTRAL AND EAST AFRICA: AREA, YIELD, AND PRODUCTION										
	1990/91	1991/92	1992/93	1993/94	1994/95	1995/96	1996/97	1997/98	1998/99	1999/00
Tanzania										
Corn										
AREA (1,000 Ha)	1,630	1,850	1,700	1,600	1,650	1,655	1,650	1,625	2,000	2,000
YIELD (Mt/Ha)	1.49	1.24	1.31	1.44	1.30	1.55	1.61	1.29	1.35	1.25
PROD (1,000 Mt)	2,430	2,300	2,220	2,300	2,150	2,570	2,650	2,100	2,700	2,500
Millet										
AREA (1,000 Ha)	225	250	280	300	200	375	390	350	200	200
YIELD (Mt/Ha)	0.76	0.90	0.89	1.00	1.25	1.07	0.95	1.00	0.75	0.75
PROD (1,000 Mt)	170	225	250	300	250	400	370	350	150	150
Rice, Milled										
AREA (1,000 Ha)	345	360	300	370	420	478	470	370	500	500
YIELD (Mt/Ha)	1.33	1.13	0.85	1.12	0.95	0.98	1.01	0.97	1.10	1.10
PROD (1,000 Mt)	460	405	255	415	400	470	475	360	550	550
Sorghum										
AREA (1,000 Ha)	520	550	650	675	600	690	690	625	500	500
YIELD (Mt/Ha)	0.77	0.95	0.92	0.93	0.75	1.22	0.87	0.8	0.85	0.8
PROD (1,000 Mt)	400	525	600	625	450	840	600	500	425	400
Wheat										
AREA (1,000 Ha)	52	50	45	40	42	55	60	35	75	60
YIELD (Mt/Ha)	2.02	1.70	1.44	1.50	1.31	1.36	1.42	1.29	1.33	1.42
PROD (1,000 Mt)	105	85	65	60	55	75	85	45	100	85
Total Grains										
AREA (1,000 Ha)	2,772	3,060	2,975	2,985	2,912	3,253	3,260	3,005	3,275	3,260
YIELD (Mt/Ha)	1.29	1.16	1.14	1.24	1.13	1.34	1.28	1.12	1.20	1.13
PROD (1,000 Mt)	3,565	3,540	3,390	3,700	3,305	4,355	4,180	3,355	3,925	3,685
Uganda										
Corn										
AREA (1,000 Ha)	400	420	440	503	563	594	590	600	600	600
YIELD (Mt/Ha)	1.50	1.25	1.49	1.60	1.60	1.60	1.53	1.25	1.25	1.25
PROD (1,000 Mt)	600	525	657	804	900	950	900	750	750	750
Millet										
AREA (1,000 Ha)	375	385	396	404	412	425	400	400	400	400
YIELD (Mt/Ha)	1.49	1.49	1.60	1.51	1.48	1.58	1.13	1.25	1.45	1.43
PROD (1,000 Mt)	560	575	634	610	610	670	450	500	580	570
Sorghum										
AREA (1,000 Ha)	240	245	250	250	260	265	270	250	280	280
YIELD (Mt/Ha)	1.50	1.47	1.50	1.52	1.50	1.51	1.48	1.20	1.25	1.25
PROD (1,000 Mt)	360	360	375	380	390	400	400	300	350	350
Total Grains										
AREA (1,000 Ha)	1,015	1,050	1,086	1,157	1,235	1,284	1,260	1,250	1,280	1,280
YIELD (Mt/Ha)	1.50	1.39	1.53	1.55	1.54	1.57	1.39	1.24	1.31	1.30
PROD (1,000 Mt)	1,520	1,460	1,666	1,794	1,900	2,020	1,750	1,550	1,680	1,670

CENTRAL AND EAST AFRICA: AREA, YIELD, AND PRODUCTION										
	1990/91	1991/92	1992/93	1993/94	1994/95	1995/96	1996/97	1997/98	1998/99	1999/00
Congo										
Corn										
AREA (1,000 Ha)	1,050	1,100	1,297	1,300	1,454	1,400	1,350	1,300	1,350	1,350
YIELD (Mt/Ha)	0.74	0.80	0.81	0.92	0.83	0.79	0.81	0.77	0.89	0.81
PROD (1,000 Mt)	775	880	1,052	1,200	1,200	1,100	1,100	1,000	1,200	1,100
Millet										
AREA (1,000 Ha)	80	80	90	90	80	80	80	85	85	85
YIELD (Mt/Ha)	0.8	0.8	0.94	0.94	1.13	1.13	1.13	1	1	1
PROD (1,000 Mt)	64	64	85	85	90	90	90	85	85	85
Rice, Milled										
AREA (1,000 Ha)	290	285	500	500	500	550	590	500	550	530
YIELD (Mt/Ha)	0.54	0.95	0.53	0.55	0.50	0.46	0.44	0.42	0.53	0.47
PROD (1,000 Mt)	157	270	264	275	248	255	260	210	290	250
Wheat										
AREA (1,000 Ha)	9	9	9	9	10	10	10	10	10	10
YIELD (Mt/Ha)	1.67	1.67	0.78	0.78	0.70	0.70	1.50	1.00	1.00	1.00
PROD (1,000 Mt)	15	15	7	7	7	7	15	10	10	10
Total Grains										
AREA (1,000 Ha)	1,429	1,474	1,896	1,899	2,044	2,040	2,030	1,895	1,995	1,975
YIELD (Mt/Ha)	0.71	0.83	0.74	0.83	0.76	0.71	0.72	0.69	0.79	0.73
PROD (1,000 Mt)	1,011	1,229	1,408	1,567	1,545	1,452	1,465	1,305	1,585	1,445
Central & East Africa										
Total Grains										
AREA (1,000 Ha)	17,884	19,368	21,611	19,901	24,597	23,751	25,564	24,850	25,924	25,785
YIELD (Mt/Ha)	1.01	1.07	1.02	0.95	0.95	1.02	1.00	0.95	1.01	0.96
PROD (1,000 Mt)	18,114	20,670	21,944	18,968	23,345	24,153	25,687	23,491	26,275	24,765

Persistent Rains in Eastern Europe Alter 1999/2000 Grain and Oilseed Production

Much of Eastern Europe's 1999/2000 winter wheat crop suffered from frequent heavy rains which fell during the fall, the spring and at harvest. The resulting moisture surplus contributed to reduced quality and production across the Balkan Peninsula. In addition to the poor weather, a lack of financing also set the crop back. Less credit was available to farmers needing to purchase fertilizer, pesticides and herbicides. Total East European wheat production dropped 5.0 million tons from last year to 28.7 million.

Despite the disappointing winter wheat situation in Eastern Europe, other crops did improve over past years. Spring crops such as corn and sunflower gained area from land previously earmarked for winter wheat. As abandoned fields dried out from the late spring heat, summer crops were sown. During the summer, corn and sunflower benefitted from the heavy rains while wheat suffered again from rains at harvest. Coarse grain production in Eastern Europe remained unchanged from 1998/99 at 51.1 million tons. Total 1999/2000 East European grain is estimated at 79.9 million tons, down 9 percent from last season. Total oilseed production is estimated at 6.5 million tons compared to last year's total output of 5.3 million.

Total grain production for **Poland** during the 1999/2000 season is estimated at 25.6 million tons, down 1.6 million from last year. Lower yields were realized as insufficient funds prohibited many farmers from utilizing adequate quantities of fertilizer. Favorable fall weather contributed to timely winter crop planting, and adequate winter precipitation kept soils moist. Beneficial weather conditions also existed during the spring months, but July and August brought dry weather which stressed summer crops and reduced yields.

Compared to last year, wheat production dropped 0.4 million tons to 9.1 million, barley dropped 0.2 million to 3.4 million, and rye fell 0.5 million to 5.2 million. Area sown to rapeseed increased 0.1 million hectares to 0.5 million, and production increased slightly to 1.2 million tons. A mild winter combined with an early spring was beneficial for winter rapeseed development (81 percent of Polish rapeseed is the winter variety).

Bulgaria experienced the wettest fall in 49 years during the 1999/2000 season, which delayed or prevented winter crop sowing. While spring weather was favorable for crop development, the arrival of heavy rains in June and July damaging the maturing wheat. Harvested wheat area is estimated at 0.9 million hectares, equal to the lowest in over 40 years, and production is estimated to fall 0.5 million tons from last year to 2.8 million. Wheat was also adversely affected by poor seed quality and reduced amounts of pesticide and fertilizer. Corn production is slightly lower than last season at 1.1 million tons. Hot, dry weather in August and September stressed the corn crop, resulting in a reduced yield of 2.97 tons per hectare, compared to 3.33 obtained last year. Total grain output is estimated at 4.6 million tons, down 13 percent from last year. Sunflowerseed production, however, is expected to reach 0.6 million tons, up 0.1 million from last year, primarily benefitting from the late summer heat and dry weather.

The **Czech Republic** escaped the devastating weather seen by many of its neighbors and is producing the best grain harvest in eight years with total grain output reaching 6.8 million tons. This season's harvest produced an estimated 4.1 million tons of wheat, 0.2 million over last year and 2.2 million tons of

barley, 0.1 million better than last year. Favorable weather increased rapeseed area and has also helped to produce a bumper rapeseed harvest of 1.0 million tons, 0.3 million above last year.

Hungary received persistent rains in the fall of 1998 which delayed planting, lowering winter wheat sowings. Record snowfall in February was followed by a rapid thawing which subjected many fields to floods. Standing water on fields during March destroyed significant areas seeded to winter wheat and held up spring barley planting. After a brief period of dry weather, torrential rains, hail, and strong winds hit in late June and continued into July. Precipitation records were broken and agricultural fields were again in standing water. These muddy fields were inaccessible to harvesting machinery, which delayed harvest by two to three weeks. A resulting record low in wheat area caused production to plummet to the lowest level in 33 years to 2.7 million tons. Corn area, however, rose as producers planted on abandoned wheat fields. With higher planted area and favorable weather occurring in August and September, a bumper corn crop of 7.0 million tons is estimated. Also, rapeseed had an exceptional year with low winterkill and little damage occurring during spring green-up. A bumper sunflowerseed production of 0.8 million tons is expected from a record 0.5 million hectares, as farmers planted sunflower to substitute for damaged winter grains. Total grain production is estimated to reach 11.0 million tons, down 1.5 million from 1998/99.

Slovakia experienced significant flooding during both the fall of 1998 and later during the spring of 1999. During the spring, particularly in eastern Slovakia, snow melt from heavy winter accumulation filled rivers past capacity. While many of the flooded wheat and barley fields were abandoned, others were replanted with sunflower. Wheat

output for 1999/2000 is estimated to be slightly lower than last year at 1.7 million tons. Oilseeds continued to increase significantly in Slovakia with 183,000 hectares of sunflower and rapeseed harvested but rainy, windy weather during the year may have lowered yields.

Wheat in **Romania** was harvested on just 1.7 million hectares, the second lowest (1.5 million in 1992) in over 40 years. Production is estimated to only reach 4.6 million tons, 0.6 million tons less than last year. The autumn of 1998 provided Romania with its second wettest fall in 49 years. A relatively "normal" winter was followed initially by a beneficial warm and rainy spring. In May and June, heavy rains flooded winter wheat, and delayed corn planting. Corn production, however, benefitted from the June rains and the warm summer temperatures. Corn production is up 1.5 million tons over last year's crop and is estimated at 10.0 million tons. Total grain production is estimated at 16.4 million tons, up 1.1 million from 1998/99. A record high 1.0 million hectares sown to sunflowers is estimated to have yielded a record production of 1.3 million tons.

The jurisdictions within **Yugoslavia** have also seen reductions in winter wheat production for the 1999/2000 season. As with much of the region, this problem stemmed from lower planted area, poor weather, and a lack of inputs applied to crops. In Croatia, wheat production is much lower than the previous year as planted area was reduced due to low prices and a shift in the government commodity support system. In addition, corn production is expected to drop due to low market prices. In Serbia, civil strife reduced production prospects. Corn and wheat are the primary grains within the former Yugoslavia and production is estimated at 7.0 million tons (8.2 million last year) for corn and 3.5 million tons (4.8 million last year) for wheat. Total

oilseed production from sunflower (0.4 million), soybean (0.3 million), and rapeseed within the Yugoslavian districts is estimated to be near last season's level of 0.7 million tons.

Tables on pages 49-51 break out

harvested area and crop production for all the countries in Eastern Europe.

Bryan Purcell, Eastern Europe Analyst
Phone (202) 690-0138
[E-mail: purcellb@fas.usda.gov](mailto:purcellb@fas.usda.gov)

World Oilseeds Production Continues to Grow, But Grains Stall Recently

World grain and oilseed production has trended higher over the past twenty years, with oilseeds growing at an annual percentage rate of 2.9 percent and grains at 1.6 percent. However, over the past three years, expansion in grain production has faltered as harvested area declined. Lower grain prices, weather disruptions, and increasing demand for high protein animal feeds and vegetable oil have encouraged producers to shift into oilseeds. Since 1996/97, oilseed area has expanded 16 million hectares, while grain area decreased by 29 million hectares. The Former Soviet Union (FSU), European Union (EU), Eastern Europe, Argentina, and the United States all showed decreases in grain area, but increases in oilseed area. Decreases in world wheat, barley and oats area more than offset increases in soybeans and rapeseed. Also, there is a significant upward trend in yield due to improved plant genetics, cultural practices, and changes in crop mix. For example, minor, lower yielding grain crops such as barley, oats, and sorghum have declined steadily in favor of higher yielding food and feed grains such as rice and corn.

Total-grain (wheat, coarse grains, and milled rice) production for 1999/2000 is estimated at 1858.0 million tons, down 11.2 million or less than 1 percent from the previous year. Production of the five major oilseeds

(soybeans, rapeseed, cottonseed, peanuts, and sunflowerseeds) is estimated at a record 285.7 million tons, up 2.5 million or 1 percent from 1998/99. For the 1999/2000 season, year-to-year increases for the five major oilseeds are estimated to have led to record production levels for China, EU, Canada, and Eastern Europe, while countries having an increase in grain output are Argentina, Brazil, China, FSU, India, and Canada. For the United States, total-grains and oilseeds production are estimated lower. For grains, reduced corn and wheat harvested area mainly pressured production; while for oilseeds, decreased soybean yield more than offset an increase in harvested area.

Charts on pages 52-60 show long term trends in global, as well as individual countries' area and production for grains and oilseeds.

Timothy Rocke, Foreign Grains Production Chairman
Telephone: (202) 720-1572
E-mail: rocke@fas.usda.gov

Paul Provance, Foreign Oilseeds Production Chairman
Telephone: (202) 720-0882
E-mail: provance@fas.usda.gov

Harvested Area and Crop Production in Eastern Europe

(Grains and Oilseeds)
Area in 1,000 Hectares
Production in 1,000 Tons

Albania	Wheat	Barley	Corn	Oats	Rye	Rapeseed	Soybean	Sunflowerseed
1995/1996	Area 140	10	60	20	10	0	0	0
	Production 400	30	200	25	10	0	0	0
1996/1997	Area 118	10	60	20	10	0	0	0
	Production 316	30	200	25	10	0	0	0
1997/1998	Area 130	10	63	11	10	0	0	0
	Production 370	30	220	15	10	0	0	0
1998/1999	Area 130	10	60	20	10	0	0	0
	Production 370	30	200	15	10	0	0	0
1999/2000	Area 120	10	60	20	10	0	0	0
	Production 330	30	200	15	10	0	0	0

Bulgaria	Wheat	Barley	Corn	Oats	Rye	Rapeseed	Soybean	Sunflowerseed
1995/1996	Area 1,041	400	430	36	14	0	15	490
	Production 3,150	1,300	1,400	47	20	0	15	650
1996/1997	Area 900	290	410	35	15	0	16	450
	Production 1,800	500	970	41	16	0	10	490
1997/1998	Area 1,100	290	450	41	18	0	6	450
	Production 3,250	800	1,500	54	27	0	10	500
1998/1999	Area 1,100	280	380	31	10	0	10	505
	Production 3,300	750	1,200	50	11	0	6	515
1999/2000	Area 900	250	370	35	10	0	3	500
	Production 2,800	650	1,100	50	15	0	5	600

Czech Rep	Wheat	Barley	Corn	Oats	Rye	Rapeseed	Soybean	Sunflowerseed
1995/1996	Area 831	558	26	60	79	252	1	19
	Production 3,823	2,141	113	187	262	662	1	34
1996/1997	Area 799	600	33	66	64	227	1	20
	Production 3,727	2,262	169	214	204	521	1	38
1997/1998	Area 826	647	41	78	76	228	1	11
	Production 3,640	2,485	203	247	259	575	1	23
1998/1999	Area 912	578	58	60	72	265	1	19
	Production 3,845	2,093	180	190	261	680	1	38
1999/2000	Area 867	545	35	55	55	350	1	19
	Production 4,050	2,200	175	175	200	955	1	38

<u>Hungary</u>		<u>Wheat</u>	<u>Barley</u>	<u>Corn</u>	<u>Oats</u>	<u>Rye</u>	<u>Rapeseed</u>	<u>Soybean</u>	<u>Sunflowerseed</u>
1995/1996	Area	1,080	393	1,040	50	80	30	10	491
	Production	4,600	1,408	4,600	130	170	35	20	730
1996/1997	Area	1,193	326	1,053	48	70	94	12	475
	Production	3,900	930	6,000	110	100	138	28	800
1997/1998	Area	1,250	370	1,000	50	70	94	13	446
	Production	5,270	1,380	6,800	125	140	148	30	545
1998/1999	Area	1,183	369	1,100	52	62	52	24	428
	Production	4,895	1,305	6,000	132	129	73	52	706
1999/2000	Area	735	333	1,200	70	40	190	30	530
	Production	2,650	1,050	7,000	175	80	340	65	820

<u>Poland</u>		<u>Wheat</u>	<u>Barley</u>	<u>Corn</u>	<u>Oats</u>	<u>Rye</u>	<u>Rapeseed</u>	<u>Soybean</u>	<u>Sunflowerseed</u>
1995/1996	Area	2,407	1,048	48	595	2,452	606	0	0
	Production	8,668	3,278	240	1,495	6,287	1,377	0	0
1996/1997	Area	2,480	1,130	69	625	2,415	283	0	0
	Production	8,579	3,437	350	1,581	5,652	449	0	0
1997/1998	Area	2,555	1,242	77	626	2,298	317	0	0
	Production	8,193	3,866	417	1,630	5,300	595	0	0
1998/1999	Area	2,631	1,138	85	561	2,291	466	0	0
	Production	9,537	3,612	496	1,460	5,664	1,093	0	0
1999/2000	Area	2,580	1,100	90	570	2,240	544	0	0
	Production	9,100	3,400	480	1,500	5,200	1,200	0	0

<u>Romania</u>		<u>Wheat</u>	<u>Barley</u>	<u>Corn</u>	<u>Oats</u>	<u>Rye</u>	<u>Rapeseed</u>	<u>Soybean</u>	<u>Sunflowerseed</u>
1995/1996	Area	2,420	570	3,122	239	20	2	73	715
	Production	7,700	1,700	9,923	404	45	1	108	933
1996/1997	Area	1,800	500	3,290	220	25	2	80	910
	Production	3,165	1,110	9,610	290	48	2	115	1,180
1997/1998	Area	2,350	617	3,030	200	23	7	62	778
	Production	7,186	1,889	12,680	330	50	12	121	858
1998/1999	Area	2,000	550	3,000	225	22	7	145	820
	Production	5,200	1,240	8,500	350	45	12	200	970
1999/2000	Area	1,650	550	3,000	250	20	7	80	1,050
	Production	4,600	1,350	10,000	375	50	12	100	1,300

<u>Slovakia</u>	<u>Wheat</u>	<u>Barley</u>	<u>Corn</u>	<u>Oats</u>	<u>Rye</u>	<u>Rapeseed</u>	<u>Soybean</u>	<u>Sunflowerseed</u>
1995/1996	437	234	122	16	31	68	0	47
Production	1,938	794	597	42	89	149	0	81
Area	415	226	130	18	29	75	0	53
Production	1,713	718	750	41	71	143	0	104
Area	413	243	138	18	30	86	0	47
Production	1,886	869	819	50	84	196	0	67
Area	429	249	116	17	34	60	0	65
Production	1,789	875	637	45	96	113	0	107
Area	390	230	170	17	30	115	0	68
Production	1,700	800	970	45	85	240	0	118

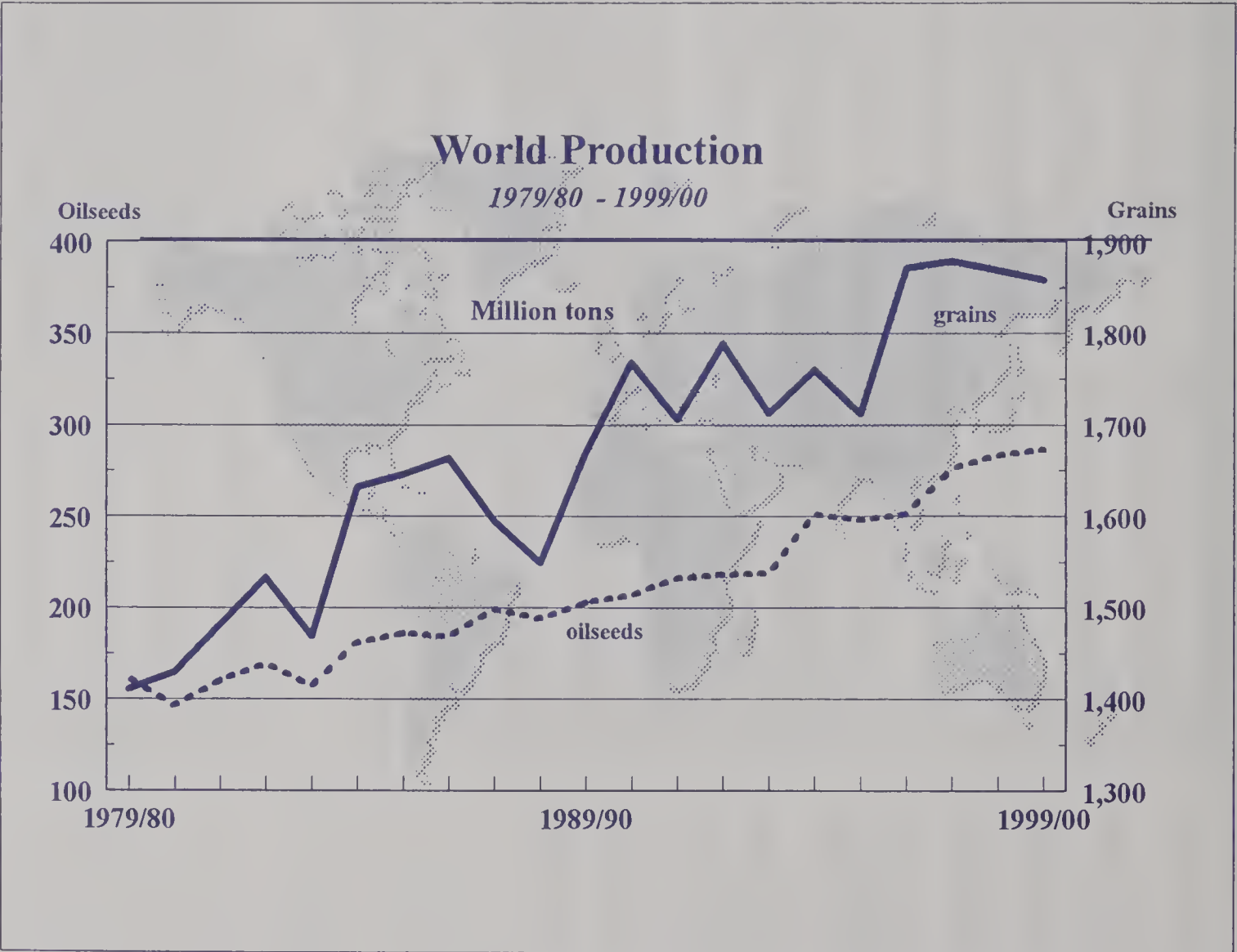
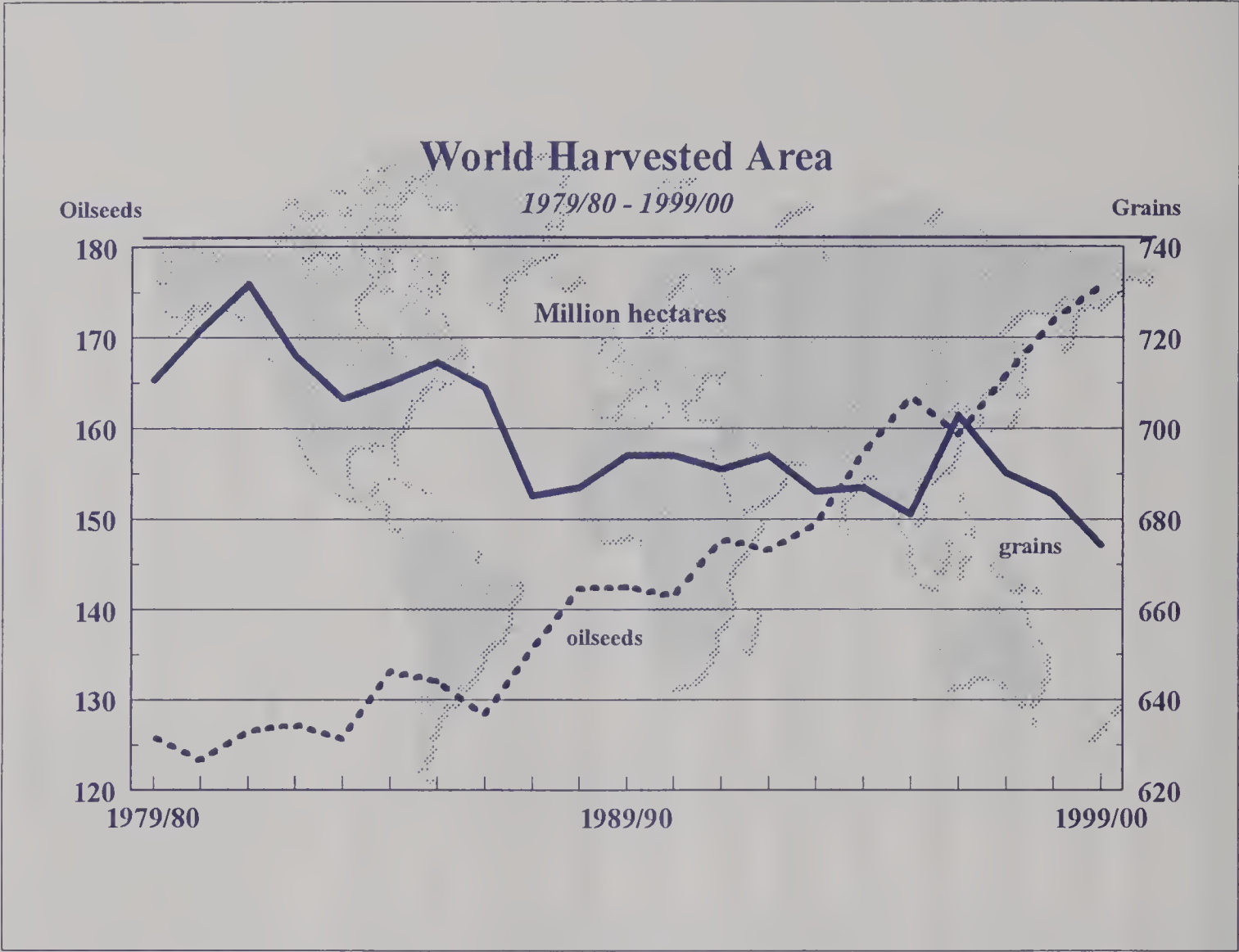
<u>Yugoslavia</u>	<u>Wheat</u>	<u>Barley</u>	<u>Corn</u>	<u>Oats</u>	<u>Rye</u>	<u>Rapeseed</u>	<u>Soybean</u>	<u>Sunflowerseed</u>
1995/1996	1,350	240	1,980	115	30	16	67	189
Production	4,700	650	8,375	200	50	39	144	333
Area	1,020	260	2,135	130	31	26	94	232
Production	2,925	530	8,100	225	60	37	194	429
Area	1,240	250	2,115	125	30	26	80	193
Production	4,550	690	9,700	235	60	48	197	316
Area	1,300	260	2,115	133	30	16	120	205
Production	4,800	655	8,200	240	60	33	255	400
Area	1,000	230	1,900	130	30	24	120	205
Production	3,500	550	7,000	230	60	51	255	400

Production Totals Within Yugoslavia

Production in 1,000 Tons

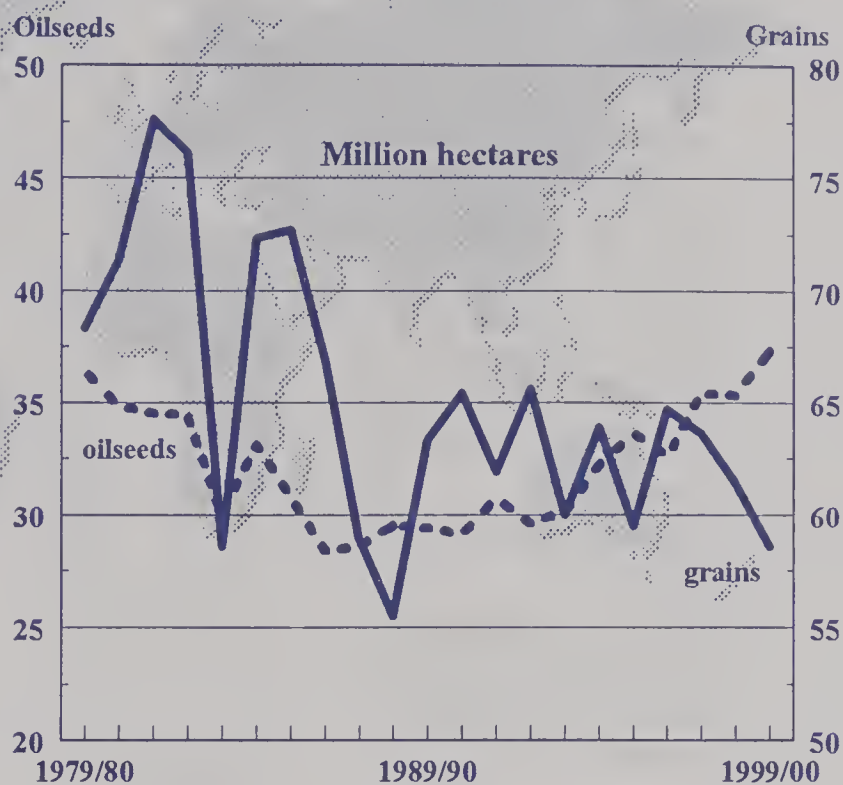
Three Year Average (1996-1998)

<u>Region</u>	<u>Wheat</u>	<u>Corn</u>	<u>Soybean</u>	<u>Sunflowerseed</u>
Slovenia	150	330	0	0
Croatia	865	2,000	51	42
Serbia-Montenegro	2,450	5,950	159	325
Bosnia-Herzegovina	100	300	4	0
Macedonia	300	150	0	16



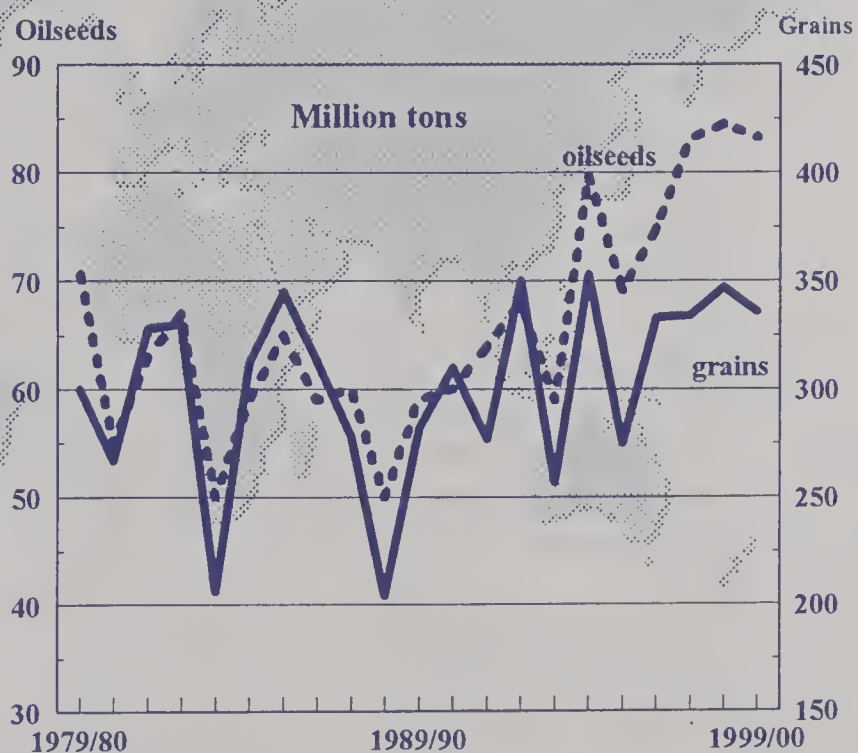
United States' Grains Area Down, Oilseeds Up

- **Oilseeds**
 - Area breaks record set in 1979/80 due to favorable soybean loan rate
 - Area trending higher for soybeans, sunflowerseed and rapeseed
- **Grains**
 - Total-grain area down for third year due to continued weak prices
 - Wheat lowest level since 1988/89; barley lowest on record
 - Corn at 5-year average level



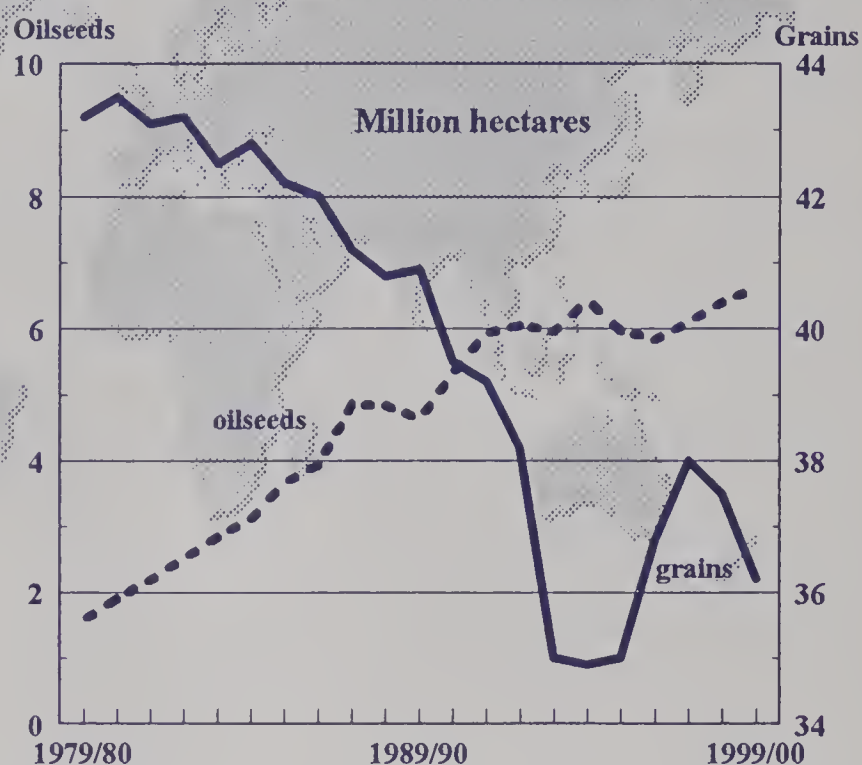
United States' Grains and Oilseeds Output Lower

- **Oilseeds**
 - Output down slightly because of lower average yield
 - Soybean yield hurt by regional weather problems in the east and south
- **Grains**
 - Total-grain output slightly lower
 - Wheat output lower as reduced area offsets near-record yield
 - Corn output down, third largest production and second highest yield



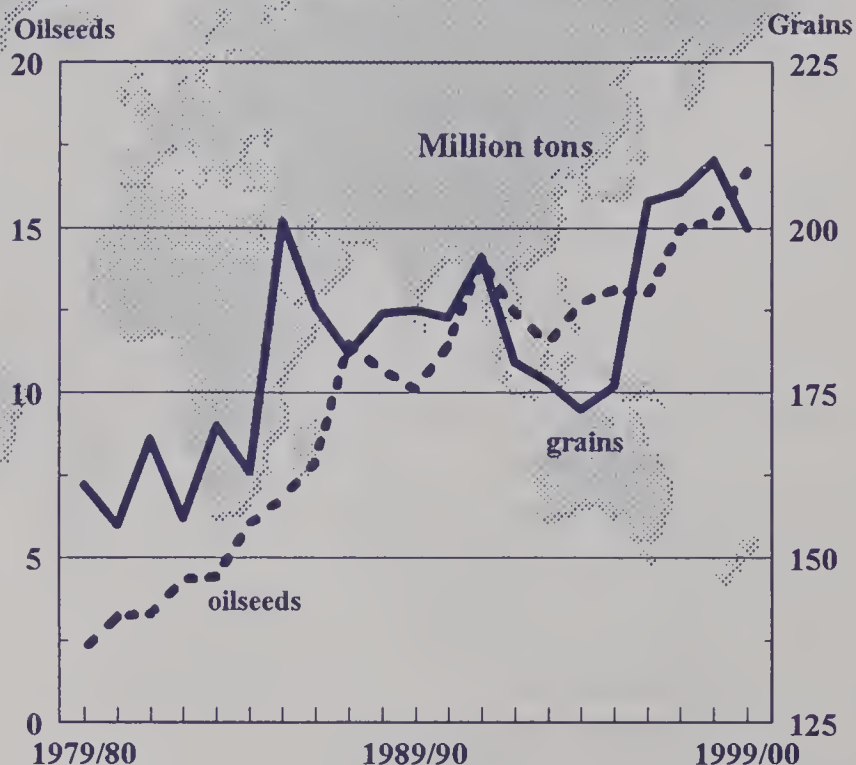
EU's Oilseeds Area Grow, Grains Decrease

- **Oilseeds**
 - Rapeseed area continues trend higher on strong demand
 - Third consecutive overshoot of Maximum Guaranteed Area expected for 1999/2000, though final data not yet available
- **Grains**
 - Area falls for second year
 - Weather difficulties, weaker prices, and increased set-aside pressure area



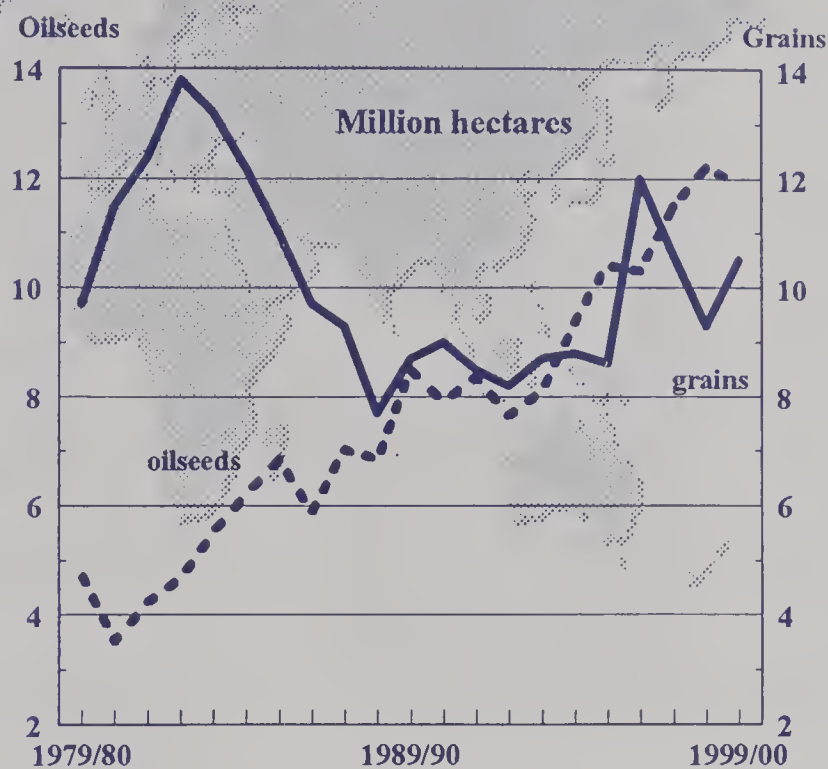
EU's Grains Output Decline, Oilseeds at Record

- **Oilseeds**
 - Production trends higher, record level
 - Rapeseed yield pushes to new lofty record
- **Grains**
 - Total-grain upward trend output trimmed
 - Wheat yield down from last season's record level
 - Decrease in barley more than offsets an increase in corn



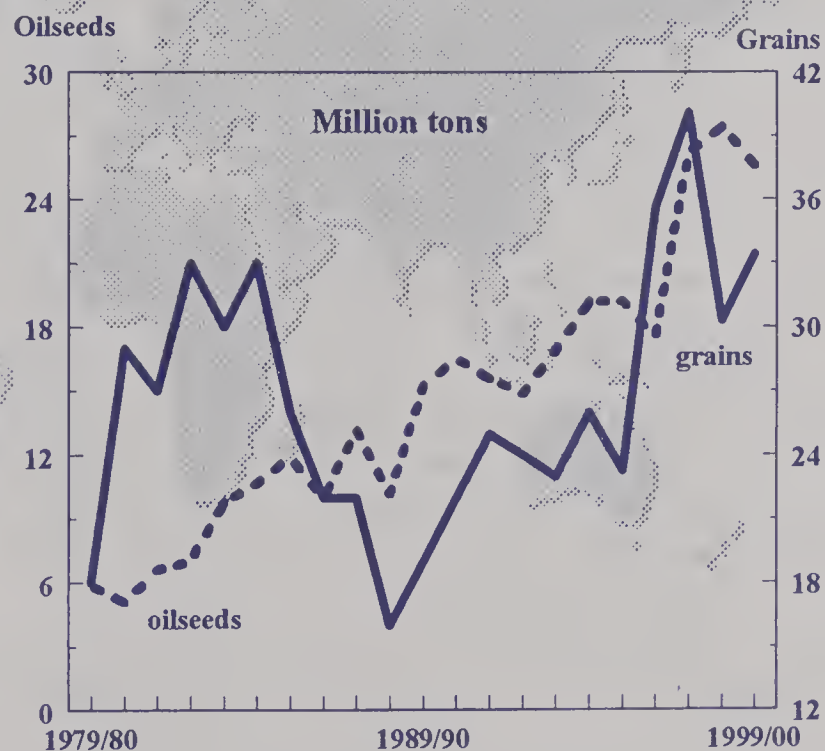
Argentina's Oilseeds Area Drop, Grains Rise

- **Oilseeds**
 - Area forecast to be near last year's record
 - Soybean area helped by recent improvement in soybean/corn price ratio
 - Sunflowerseed area down
- **Grains**
 - Area expands as producers attempt to maximize income
 - Wheat area increase 13 percent
 - Corn up, taking some sunflowerseed area



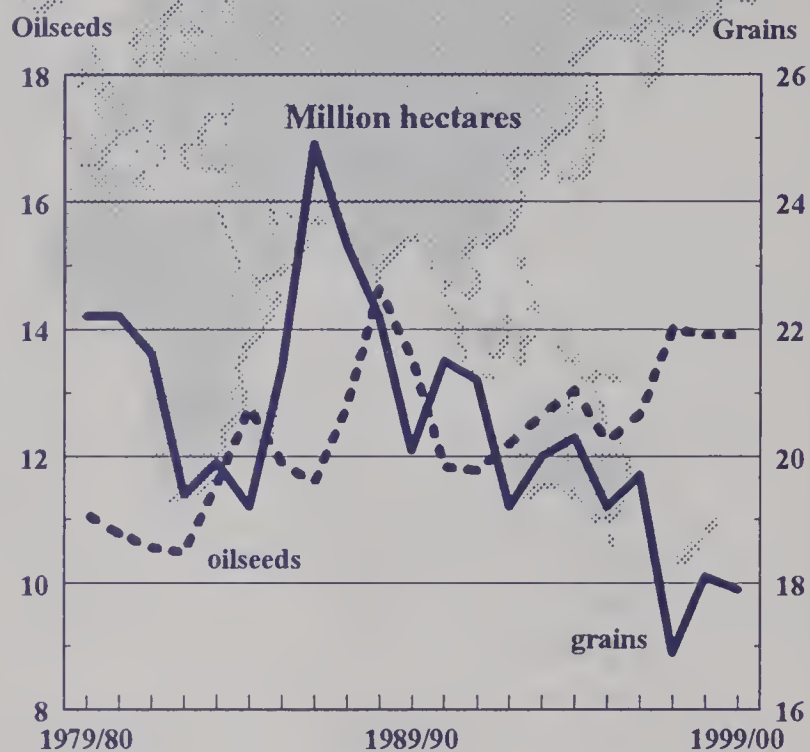
Argentina's Oilseeds Output Down, Grains Higher

- **Oilseeds**
 - Production down slightly following record last year
 - Soybean yield below 1997/98 record
 - Sunflowerseed output down following record area last year
- **Grains**
 - Output up due to higher area
 - Wheat output higher, second highest yield
 - Corn yield off 1997/98 spike, but still strong and above last season



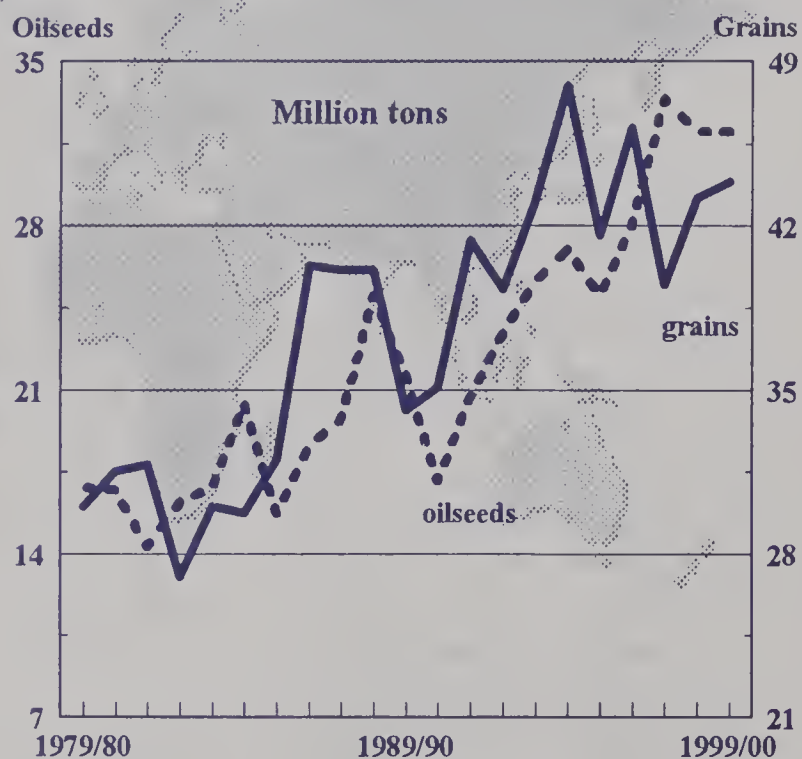
Brazil's Oilseeds Area Stable, Grains Decrease

- Oilseeds
 - Area forecast down marginally
 - Recent increase in soybean/corn price ratio could result in area being near last year's level
- Grains
 - Long-term area decline
 - Wheat continues to decline, while corn increases
 - Devaluation of Real, access to credit, and rural debt major concerns



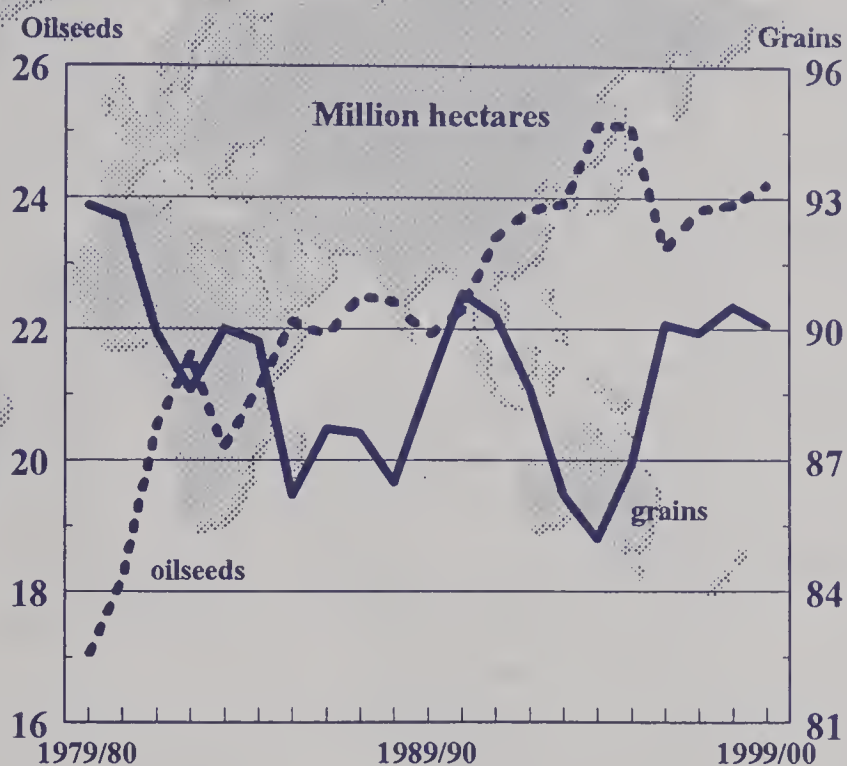
Brazil's Oilseeds Output Decline, Grains Rise

- Oilseeds
 - Production down after record yield in 1997/98
 - Soybean production down on lower area
 - Cottonseed yield rises as production shifts to Center-West
- Grains
 - Output expands due to higher corn yield
 - Wheat down, yield at average level
 - Rice retreats from record level



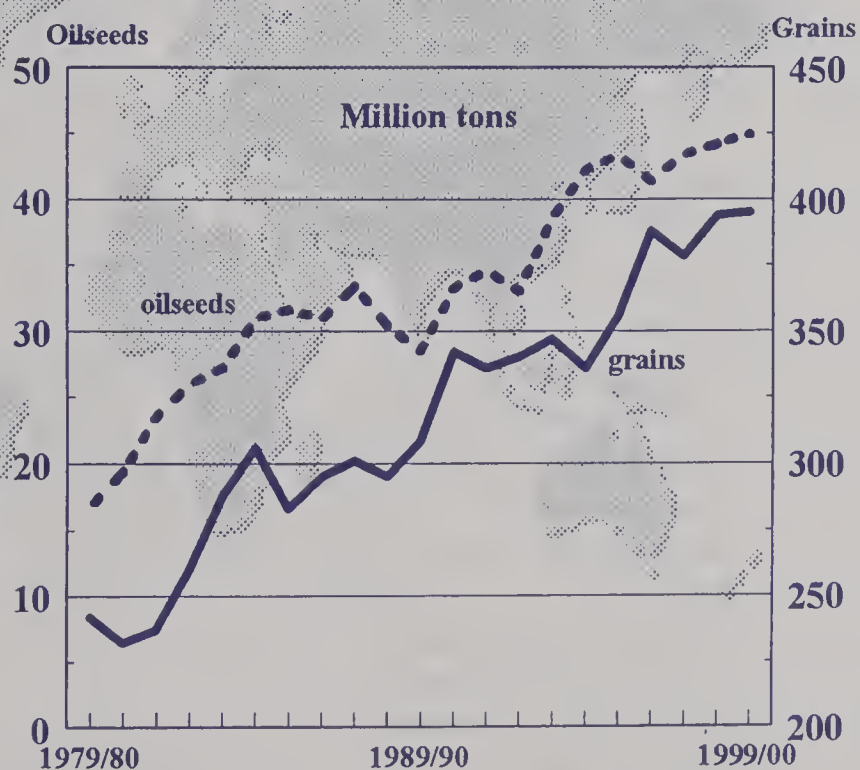
China's Grains Area Stable, Oilseeds Increase

- **Oilseeds**
 - Area trending upward again after drop in 1996/97
 - Soybean area declines as imports increase
 - Rapeseed and peanut areas at record levels
- **Grains**
 - Area declines marginally
 - Corn at record level due to demand and support prices
 - Wheat declines due to dry weather
 - Rice nearly unchanged



China's Grains and Oilseeds Output at Record

- **Oilseeds**
 - Production sets a new record
 - Peanut and rapeseed output higher
 - Soybean area and yield decline
- **Grains**
 - Total-grain output at record level
 - Corn down from last year's record, but second highest
 - Wheat at second highest output
 - Rice at record level



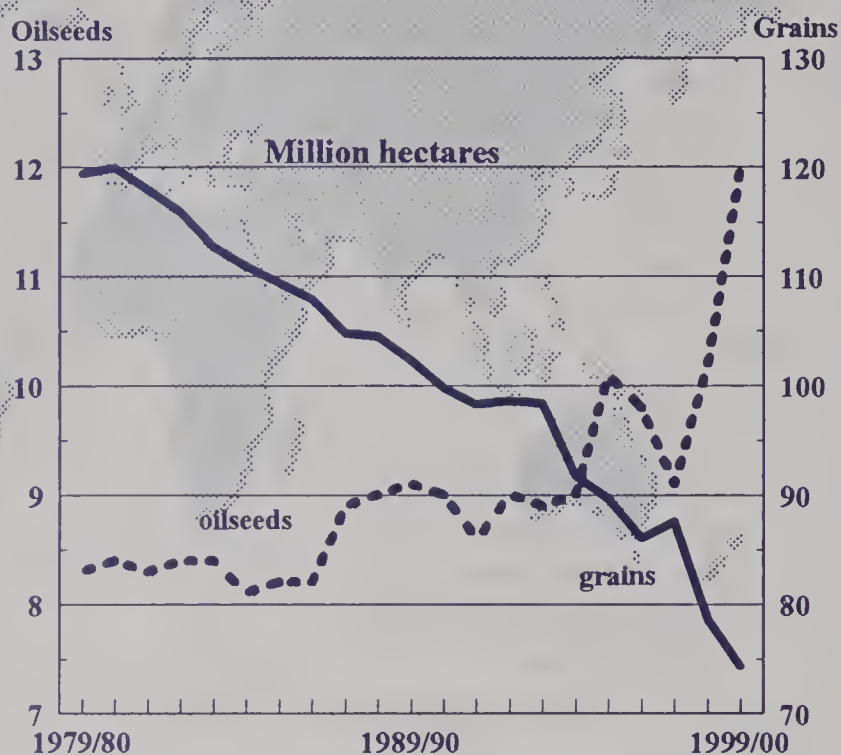
FSU Grains Area Slide, Oilseeds at Record

■ Oilseeds

- Area jumps on strong demand for rapeseed and sunflowerseed
- Cottonseed steady after decline earlier in the decade

■ Grains

- Area continues to drop due to unfavorable weather and land diversion
- Feed demand falls as livestock and poultry numbers decline
- Russia's wheat down due to drought at planting



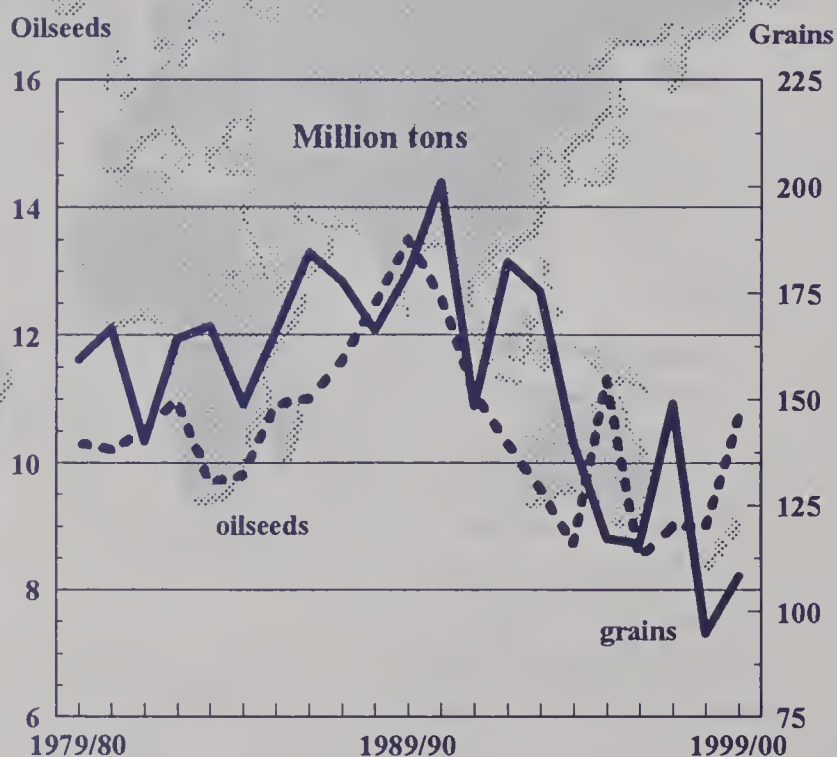
FSU Grains Output Up Slightly, Oilseeds Recover

■ Oilseeds

- Production rebounds following decline earlier in the decade
- Sunflowerseed higher despite low yield

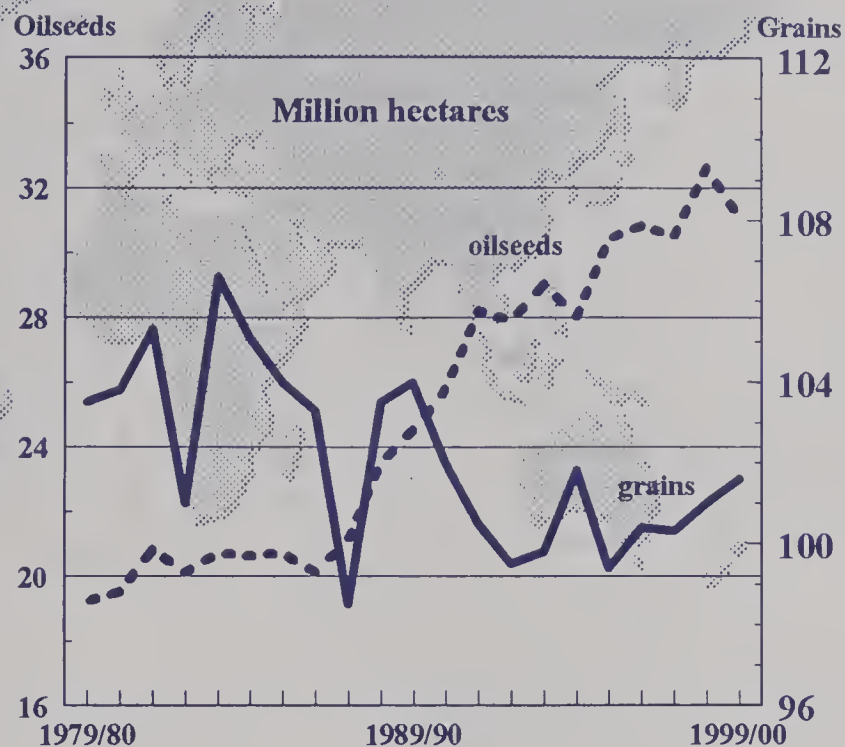
■ Grains

- Total-grain output slightly above last year's poor level
- Russian and Kazakhstan wheat rebound
- Russia and Ukraine yield still constrained by variable weather and economic difficulties



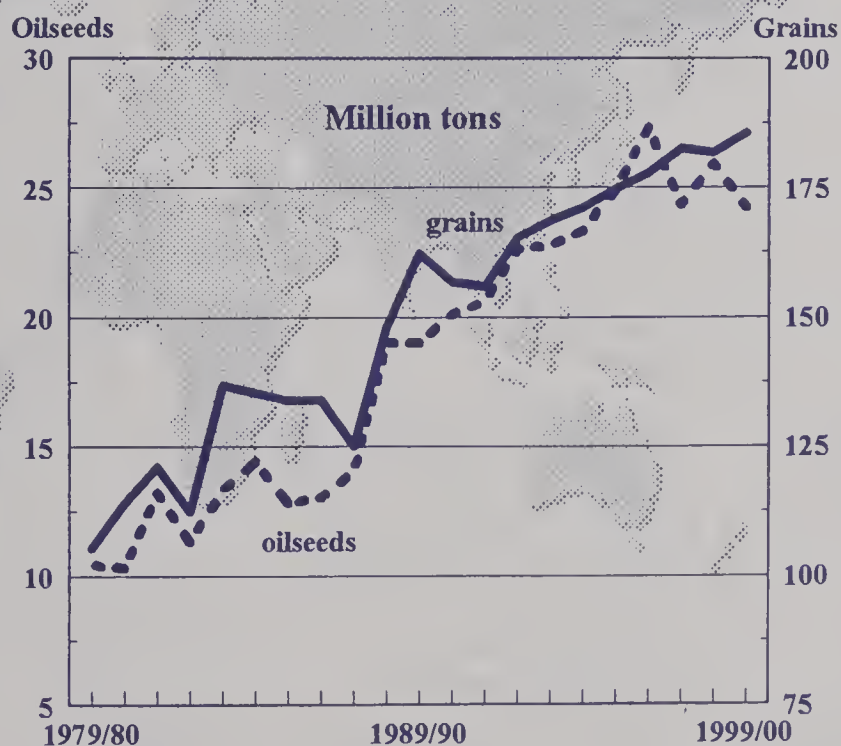
India's Grains Area Climb, Oilseeds Decrease

- **Oilseeds**
 - Area down from the record set last year
 - Lower tariff reduces domestic prices and incentive to plant
 - Soybean area more than triples in 10 years
- **Grains**
 - Area starting to trend higher
 - Wheat and rice at record level
 - Coarse grains decline over long-term



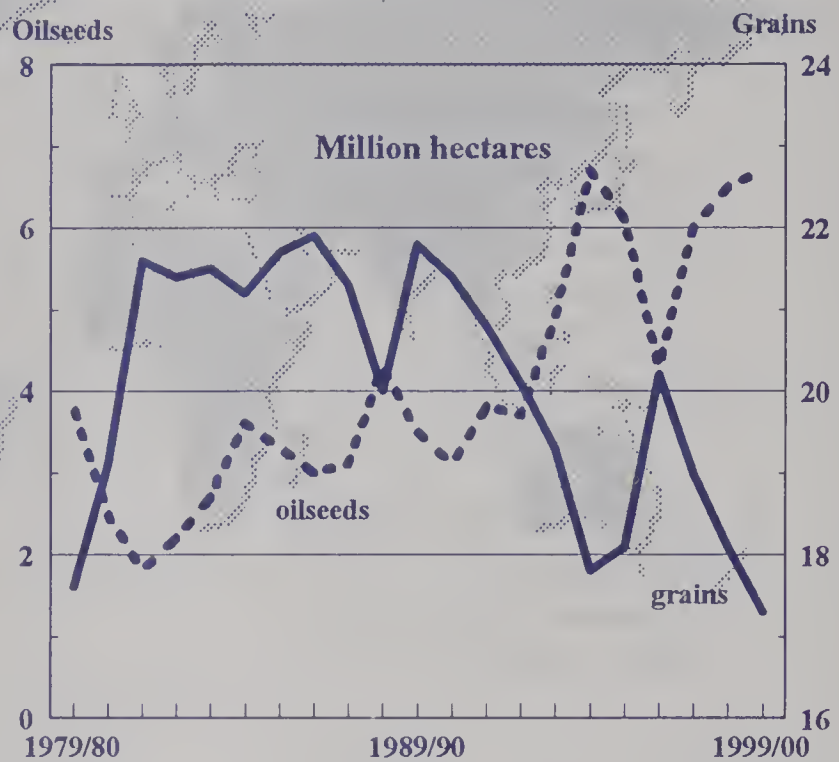
India's Grains Production Record, Oilseeds Lower

- **Oilseed**
 - Drought in western growing areas reduces crops' prospects
 - Peanut yield forecast lowest in 14 years
 - Soybean output down marginally
- **Grain**
 - Production at record level
 - Wheat and rice at record owing to larger yield and area
 - Coarse grains lower as monsoon is irregular, although "normal"



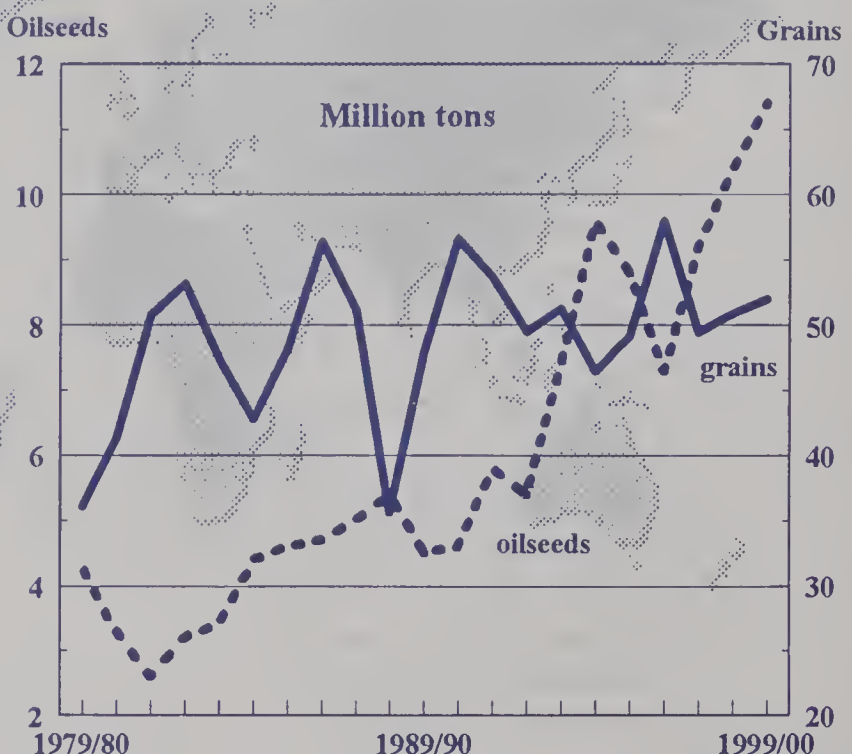
Canada's Oilseeds Area Record, Grains Lower

- **Oilseeds**
 - Area trending higher, recent volatility
 - Strong prices relative to grains induces record oilseed area
 - Soybean sunflower and rapeseed areas all at high levels
- **Grains**
 - Weak durum wheat prices pressures area
 - Wheat and barley also decreases due to rotation, wet weather at planting, and relatively stronger rapeseed prices



Canada's Oilseeds Output Record, Grains Higher

- **Oilseeds**
 - Output increase encouraged by greater crush capacity
 - Rapeseed benefits from favorable moisture, despite planting difficulties
- **Grains**
 - Total-grain output up due to favorable late season weather
 - Wheat recovers from late planting, barley benefits from favorable weather
 - Oats and corn lower



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